



LIST

OF THE SPECIMENS OF

BRITISH ANIMALS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART XI.

ANOPLURA, OR PARASITIC INSECTS.

LONDON:

PRINTED BY ORDER OF THE TRUSTEES.

1852.

45

PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

INTRODUCTION.

THE principal object of the present Catalogue has been to give a complete list of all the *Anoplura*, or Parasitic Insects, that have been recorded as found in Great Britain and Ireland, indicating those species which are contained in the Collection, and those which are wanting in it.

The arrangement followed is that used in Mr. Denny's '*Anoplura Britannica*,' 8vo, 1842.

The British Museum possesses the type specimens described and figured by that author, who has devoted so much of his attention to the study of these animals.

JOHN EDWARD GRAY.

British Museum,

1 September 1852.

LIST

OF

BRITISH ANOPLURA.

ANOPLURA.

Anoplura, *Leach* ; *Denny*.
 Aptera, p., *Linn*.
 Antliata, p., *Fabr*.
 Mallophaga, p., *Nitzsch* ; *Burm. Handb.* ii. 418.
 Arachnida parasita, *Latr*.
 Parasita, *Erichson, Arch. f. Naturg.*
 Rhophotera, *Clairville*.
 Rhynchota, p., *Fabr.* ; *Burm*.
 Arachnides Acaridiennes, *Lamarck*.
 Hexapodes Epizoiques, *Gervais, Aptères*, iii. 289.
 Insecta Hemimetabola, *Burm*.
 Insecta Ametabolia, p., *Leach*.

Sect. I. HAUSTELLATA.

Haustellata, *Denny, Mon. Anopl. Brit.* p. 3.
 Parasita Edentula, *Latr. Gen. Cr. et Ins.*
 Rhynchota vel Haustellata, *Denny, Mon. Anopl. Brit.* xxi.

Fam. I. PEDICULIDÆ.

Pediculidæ, *Leach, Zool. Misc.* iii. 45 ; *Denny, Anopl. Brit.* 5.
 Hemiptera Epizoica, *Nitzsch*.
 Siphunculata, *Latr*.

1. PHTHIRIUS.

Phthirius, *Leach*, *Zool. Misc.* iii. 65; *Denny*, *Mon. Anopl. Brit.* 5.
Pediculus, p., *L. Auct.*

1. PHTHIRIUS inguinalis. B.M.

Phthirius inguinalis, *Leach*, *Zool. Misc.* iii. 65; *Edin. Enc.* ix. 77;
Enc. Brit. Suppl. i. pl. 24; *Samou. Ent. Comp.* 142; *Burm.*
Handb. Ent. ii. 329; *Burm. Gen. Ins.* t.—; *Steph. Cat.* ii. 329;
Denny, *Mon. Anopl. Brit.* 9. pl. 26. f. 3.

Pediculus inguinalis, *Redi, Exper.* pl. 19; *Gervais, Aptères*, iii. 299.
Pediculus pubis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1940;
Fabr. Ent. Syst. iv. 418; *Syst. Ant.* 341.3; *Nitzsch, Germ. Mag.*
 iii. 305; *Guér. Icon. R. A.* pl. 2. f. 7; *Berkenh. Syn.* i. 170;
Stew. ii. 297; *Albin, Spid.* pl. 49, left fig.

Pou du pubis, *Latr. Hist. nat. Crust. et Ins.* viii. 94; *Lam. An. s.*
Vert. v. 50–53.

Le Morpion, *Geoffr. Hist. Ins.* ii. 597.

On Man.

2. PEDICULUS.

Pediculus, *Linn. Syst. Nat.*; *Leach*; *Latr.*; *Nitzsch*; *Denny*,
Mon. Anopl. Brit. 5.

1. PEDICULUS capitis. B.M.

Pediculus humanus, var. 1, *Linn. Syst. Nat.* ii. 1016; *Faun. Suec.*
 1939; *Fabr. Syst. Ant.* 340. 75; *Syst. Ent.* 804; *Spec. Ins.*
 476; *Swamm. Bibl. Nat.* 29. t. 1. f. 2; *Müll. Prod.* 2180;
Faun. Frid. 798; *Redi, Exp.* t. 18, *Oper.* t. 25; *Albin, Spid.*
 t. 42; *Bonon. Microg.* f. 56; *Baker, Micr.* t. 13. f. 4; *Schaeff.*
Elem. t. 95; *Schrank, Beytr.* 112; *Sulz. Ins.* t. 22. f. 145;
Lederm. Micros. 45. t. 21; *Berk. Syn.* i. 170; *Barbut, Gen.*
Ins. pl. 18. f. 4; *Stew. Elem.* ii. 297; *Hooke, Micro.* p. 68.
 pl. 66.

Pediculus capitis, *Nitzsch, Germ. Mag.* iii. 305; *Degeer, Ins.* vii.
 67. t. 1. f. 6; *Burm. Handb.* ii. p. 59; *Gen. Ins.* f. 1 ♂, 2 ♀;
Lam. An. s. Vert. v. 50; *Denny, Mon. Anopl. Brit.* p. 13.
 t. 26. f. 2; *Gervais, Aptères*, iii. 297.

Pediculus cervicalis, *Leach, Edin. Enc.* ix. p. 77; *Zool. Misc.* iii.
 p. 66; *Samou. Ent. Comp.* 142; *Steph. Cat.* ii. p. 329.

Le Pou ordinaire, *Geoffr. Hist. Ins.* ii. 597.

On Man.

2. PEDICULUS vestimenti. B.M.

Pediculus vestimenti, *Degeer, Mem. Ins.* vii. 67. t. 1. f. 7; *Nitzsch,*
Germ. Mag. iii. 305; *Guér. Icon. R. A.* pl. 2. f. 5; *Burm. Handb.*

ii. 60; *Gen. Ins.* 2; *Denny, Mon. Anopl. Brit.* p. 16. pl. 26. f. 1; *Gervais, Aptères*, iii. 298.

Pediculus humanus, var. 2, *Linn. Syst. Nat.* ii. 1016; *Fabr. Syst. Ent.* iv. 417; *Syst. Antl.* 440. 75; *Latr. Gen. Crust. et Ins.* i. 168; *Leach, Zool. Misc.* iii. p. 66; *Edin. Enc.* ix. 77; *Samou. Ent. Comp.* 142; *Steph. Syst. Cat.* ii. 329.

On Man.

3. *PEDICULUS tabescentium*.

Pediculus tabescentium, *Burm. Handb.* ii. 60; *Gen. Ins.*; *Alt diss. de Pthir.* t. f. 4; *Goldf. Zool. Atl.* iii. 45. t. 213. f. 5; *Denny, Mon. Anopl. Brit.* 18; *Gervais, Aptères*, iii. 298.

On Man.

3. *HÆMATOPINUS*.

Hæmatopinus, *Leach, Zool. Misc.* iii.; *Denny, Anopl. Brit.* 5.
Pediculus, p., *Linn. Syst. Nat.*

1. *HÆMATOPINUS acanthopus*. B.M.

Pediculus acanthopus, *Burm. Gen. Ins.* t.—f. 2; *Gervais, Aptères*, iii. 302.

Hæmatopinus acanthopus, *Denny, Mon. Anopl. Brit.* 25. pl. 24. f. 3.

On Field Campagnol (*Arvicola arvalis*); on Dormouse.

2. *HÆMATOPINUS spinulosus*. B.M.

Pediculus spinulosus, *Burm. Gen. Ins.* sp. 8; *Gervais, Aptères*, iii. 303.

Hæmatopinus spinulosus, *Denny, Mon. Anopl. Brit.* p. 26. pl. 24. f. 5.

On Common Rat (*Mus decumanus*).

3. *HÆMATOPINUS spiniger*. B.M.

Pediculus spiniger, *Burm. Gen. Ins.* sp. 9. t.—f. 5; *Gervais, Aptères*, iii. 303.

Hæmatopinus spiniger, *Denny, Mon. Anopl. Brit.* p. 27. t. 24. f. 6.

On Water Campagnol.

4. *HÆMATOPINUS lyriocephalus*. B.M.

Pediculus lyriocephalus, *Burm. Gen. Ins.* sp. 11. f. 7; *Gervais, Aptères*, iii. 303.

Hæmatopinus lyriocephalus, *Denny, Mon. Anopl. Brit.* 27. t. 24. f. 4.

On Hare.

5. *HÆMATOPINUS piliferus*. B.M.

Pediculus piliferus, *Burm. Gen. Ins.* sp. 13; *Gervais, Aptères*, iii. 304.

Hæmatopinus piliferus, *Denny, Mon. Anopl. Brit.* p. 28. pl. 25. f. 4.
Pediculus Canis-familiaris, *Müll. Prodr.* 2182?; *Fabr. Faun. Grænl.* 215?

On the Dog; on the Ferret (*Mustela furo*).

6. *HÆMATOPINUS eurysternus*. B.M.

Pediculus eurysternus, *Nitzsch, Germ. Mag.* iii. 305; *Burm. Gen. Ins.* sp. 14; *Gervais, Aptères*, iii. 304.

Hæmatopinus eurysternus, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* 29. t. 25. f. 5.

On Oxen.

7. *HÆMATOPINUS ventricosus*. B.M.

Hæmatopinus ventricosus, *Denny, Mon. Anopl. Brit.* 30. pl. 25. f. 6.

Pediculus ventricosus, *Gervais, Aptères*, iii. 305.

On the Rabbit.

8. *HÆMATOPINUS Vituli*. B.M.

Pediculus Vituli, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1947; *Fabr. Syst. Ent.* 805. 7; *Spec. Ins.* ii. 478; *Berkenh. Syn.* i. 170; *Stew. Elem.* ii. 279.

Hæmatopinus Vituli, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* p. 31. pl. 25. f. 3.

Pediculus tenuirostris, *Burm. Gen. Ins.* sp. 17.

P. eurysternus var.?, *Gervais, Aptères*, iii. 304.

On Calf.

9. *HÆMATOPINUS Asini*. B.M.

Pediculus Asini, *Linn. Syst. Nat.* ii. 1018; *Fabr. Spec. Ins.* ii. 478; *Syst. Ent.* 806; *Redi, Exp.* t. 22. f. 1; *Opera*, t. 25; *Albin, Spid.* 76. t. 51 (cop.); *Gervais, Aptères*, iii. 305.

Hæmatopinus Asini, *Steph. Syst. Cat.* ii. 329; *Denny, Mon. Anopl. Brit.* 32. pl. 25. f. 1.

Pediculus macrocephalus, *Burm. Gen. Ins.* sp. 18?

On the Ass; occasionally on the Horse.

10. *HÆMATOPINUS Suis*. B.M.

Pediculus Suis, *Linn. Syst. Nat.* ii. p. 1017; *Panz. Faun. Ins. Germ.* 51. pl. 16; *Stew. Elem.* ii. 298; *Wood*, ii. 123. pl. 76; *Gervais, Aptères*, iii. 306.

Hæmatopinus Suis, *Leach, Zool. Misc.* iii. 65. pl. 146; *Edin. Enc.* ix. 77; *Enc. Brit. Suppl.* i. 24; *Samou. Ent. Comp.* 143; *Steph. Syst. Cat.* ii. 329; *Burm. Handb.* ii. 58; *Denny, Mon. Anopl. Brit.* 34. t. 25. f. 2.

Pediculus Urinus, *Nitzsch, Germ. Mag.* iii. 305; *Burm. Gen. Ins.* sp. 19. f. 4, 9, 10, 13, 14.

On Swine.

11. *HÆMATOPINUS sphærocephalus*.

Hæmatopinus sphærocephalus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.); *Gervais, Aptères*, iii. 302.

Pediculus sphærocephalus, *Nitzsch, Germ. Mag.* iii. 305.

On Squirrel.

12. *HÆMATOPINUS serratus*.

Hæmatopinus serratus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.).

Pediculus serratus, *Gervais, Aptères*, iii. 302.

On Common Mouse.

13. *HÆMATOPINUS affinis*.

Hæmatopinus affinis, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* p. 36 (ref.).

Pediculus affinis, *Gervais, Aptères*, iii. 303.

On Field Mouse.

14. *HÆMATOPINUS setosus*.

Hæmatopinus setosus, *Burm. Gen. Ins.*; *Denny, Mon. Anopl. Brit.* 36 (ref.).

Pediculus phocæ, *Lucas, Guér. Mag. de Zool.* iv. 121; *Gervais, Aptères*, iii. 304.

On Harp-Seal.

15. *HÆMATOPINUS crassicornis*.

B.M.

Hæmatopinus crassicornis, *Burm. Gen. Ins.* f. 11-22; *Denny, Mon. Anopl. Brit.* 36 (ref.).

Pediculus crassicornis, *Nitzsch, Germ. Mag.* iii. 305; *Redi, Exp.* t. 23, fig. sup.; *Gervais, Aptères*, iii. 305.

On Red Deer.

16. *HÆMATOPINUS stenopsis*.

Hæmatopinus stenopsis, *Burm. Gen. Ins.* f. 3; *Denny, Mon. Anopl. Brit.* 36.

Pediculus stenopsis, *Gervais, Aptères*, iii. 305.

On the Goat.

Sect. II. MANDIBULATA.

Mallophaga vel Mandibulata, *Denny, Mon. Anopl. Brit.* xxi.

Fam. 2. PHILOPTERIDÆ.

Philopteridæ, *Burm. Handb.* ii. 423 ; *Denny, Anopl. Brit.* 37.

Mallophaga (Orthoptera epizoica), *Nitzsch, Germ. Mag.* iii.

Nirnidæ, *Leach.*

Ornithomyziens, *Dumeril, Cons. Gen. Ins.* 235 (1823).

Ricinus, *Gervais, Aptères*, iii. 307.

Tribe 1. PHILOPTERINA. Bird Lice.

Philopterus, *Nitzsch, Germ. Mag.* iii. 288.

Philopteridæ, § 1, *Denny, Mon. Anopl. Brit.* 40.

Pediculus, p., *Linn.*

Ricinus, p., *Degeer.*

Nirmus, p., *Herm.*

1. DOCOPHORUS.

Docophorus, *Nitzsch, Germ. Mag.* iii. 289 ; *Denny, Mon. Anopl. Brit.* 41.

Pulex, p., *Redi.*

Pediculus, p., *Linn.*

1. DOCOPHORUS atratus.

B.M.

Pulex corvi, *Redi, Exp.* pl. 16.

Louse of the Crow, *Albin, Spid.* pl. 48, upp. fig. (cop. *Redi*).

Pediculus corvi, *Linn. Syst. Nat.* ii. 1018 ; *Faun. Suec.* 1050 ;

Fabr. Syst. Ent. 806. 13 ; *O. Fabr. Faun. Grænl.* 217 ; *Müll.*

Prodr. 2190 ; *Faun. Frid.* 806.

Philopterus (Docophorus) atratus, *Nitzsch, Germ. Mag.* iii. 290 ;

Gervais, Aptères, iii. 331.

Docophorus atratus, *Burm. Handb. Ent.* ii. 424 ; *Steph. Syst.*

Cat. ii. p. 330 ; *Denny, Mon. Anopl. Brit.* 63. pl. 4. f. 8.

On Rook ; on Hooded Crow.

2. DOCOPHORUS ocellatus.

B.M.

Pediculus ocellatus, *Scop. Ent. Carn.* 382.

Pediculus cornicis, *Fabr. Syst. Ent.* 807 ; *Syst. Antl.* 344.

Docophorus cornicis, *Leach, MSS.* B.M.

Philopterus (Docophorus) ocellatus, *Nitzsch, Germ. Mag.* iii. 290 ;

Gervais, Aptères, iii. 331.

Docophorus ocellatus, *Burm. Handb. Ent.* ii. 424 ; *Steph. Syst.*

Cat. ii. 330 ; *Dehaan (Lyonet), Mém. du Mus.* xviii. 266 t. 13.

f. 3 ; *Childr. App. to Buck's Land Exp.* p. 537 ; *Denny, Mon.*

Anopl. Brit. p. 65. pl. 3. f. 10.

On Carrion Crow ; on Hooded Crow.

3. *DOCOPHORUS semisignatus*. B.M.

Docophorus semisignatus, *Denny, Mon. Anopl. Brit.* 66. pl. 1. f. 5;
Burm. Handb. Ent. ii. 424.

Philopterus semi-signatus, *Gervais, Aptères*, iii. 334.

Docophorus coracis, *Leach, MSS. B.M.*

On Raven.

4. *DOCOPHORUS Picæ*. B.M.

Docophorus Picæ, *Denny, Mon. Anopl. Brit.* p. 67. pl. 1. f. 9.

Philopterus picæ, *Gervais, Aptères*, iii. 334.

On Magpie.

5. *DOCOPHORUS guttatus*. B.M.

Docophorus guttatus, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* 67. pl. 3. f. 8.

Philopterus guttatus, *Gervais, Aptères*, iii. 334.

Nirmus monedulæ, *Leach, MSS. B.M.*

On Jackdaw.

6. *DOCOPHORUS crassipes*. B.M.

Docophorus crassipes, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* p. 68. pl. 3. f. 6.

Philopterus crassipes, *Gervais, Aptères*, iii. 335.

On Nutcracker.

7. *DOCOPHORUS superciliosus*.

Docophorus superciliosus, *Burm. Handb. Ent.* ii. 427; *Denny, Mon. Anopl. Brit.* 69. pl. 3. f. 9.

Philopterus superciliosus, *Gervais, Aptères*, iii. 335.

On Great Spotted Woodpecker.

8. *DOCOPHORUS communis*. B.M.

Ricinus Emberizæ, *Degeer, Mem.* vii. pl. 4. f. 9.

Pediculus Emberizæ, *Fabr. Syst. Ant.* 349; *Stewart, Elem.* ii. 300.

Pediculus Curvirostræ, *Panz. Faun. Ins. Germ.* 51. f. 23; *Schr. Beytr.* t. 5. f. 7-10.

Pediculus Pyrrhulæ, *Schrank, Austr.* 506.

Pediculus chloridis, *Schrank, Austr.* 506.

Pediculus Citrinellæ, *Schrank, Austr.* 507.

Pediculus Rubeculæ, *Schrank, Austr.* 507.

Nirmus globifer, *Olfers*, 91.

Philopterus (Docophorus) communis, *Nitzsch, Germ. Mag.* iii. 920; *Gervais, Aptères*, iii. 332.

Docophorus communis, *Burm. Handb. Ent.* ii. 425; *Steph. Syst.*

Cat. ii. 330; *Children, App. to Back's Land Exp.* 586; *Denny, Mon. Anopl. Brit.* 70. pl. 5. f. 10.

On several of the Insectorial Birds; on Common Bunting; Crossbill; Bullfinch; Nuthatch; Green Grosbeak; Yellow Bunting; Sparrow; Lesser Whitethroat.

9. *DOCOPHORUS variabilis*. B.M.

Docophorus variabilis, *Denny, Mon. Anopl. Brit.* p. 71. pl. 3. f. 4.

Philopterus variabilis, *Gervais, Aptères*, iii. 335.

On Dublin.

10. *DOCOPHORUS Merguli*.

Docophorus Merguli, *Denny, Mon. Anopl. Brit.* 72.

Philopterus merguli, *Gervais, Aptères*, iii. 335.

On Common Rotche.

11. *DOCOPHORUS fulvus*. B.M.

Docophorus fulvus, *Burm. Handb. Ent.* ii. 425; *Denny, Mon. Anopl. Brit.* 73. pl. 2. f. 9.

Pou du Geai, *Dehuan (Lyonet), Mém. du Mus.* xviii. 271. pl. 13. f. 6.

Philopterus fulvus, *Gervais, Aptères*, iii. 334.

Nirmus Glandarii, *Leach, MSS.* B.M.

On Jay.

12. *DOCOPHORUS Leontodon*. B.M.

Pediculus Sturni, *Schrank, Beytr.* pl. 5. f. 11 (Larva).

Philopterus (Docophorus) Leontodon, *Nitzsch, Germ. Mag.* iii. 290.

Docophorus Leontodon, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.*

Ent. ii. 425; *Denny, Mon. Anopl. Brit.* 74. pl. 5. f. 3.

Philopterus Leontodon, *Gervais, Aptères*, iii. 332.

Docophorus Sturni, *Leach, MSS.* B.M.

On the Starling.

13. *DOCOPHORUS Ostralegi*. B.M.

Docophorus Ostralegi, *Denny, Mon. Anopl. Brit.* 74. pl. 5. f. 4.

Philopterus ostralegi, *Gervais, Aptères*, iii. 335.

Nirmus ostralegi, *Leach, MSS.* B.M.

On Oyster-catcher.

14. *DOCOPHORUS Ralli*.

Docophorus Ralli, *Denny, Mon. Anopl. Brit.* 75. pl. 5. f. 6.

Philopterus ralli, *Gervais, Aptères*, iii. 335.

On Water Rail.

15. *DOCOPHORUS Turdi*. B.M.

Docophorus Turdi, *Denny, Mon. Anopl. Brit.* 76. pl. 4. f. 5.
On Song Thrush.

16. *DOCOPHORUS Pastoris*. B.M.

Docophorus Pastoris, *Denny, Mon. Anopl. Brit.* 77. pl. 4. f. 3.
Philopterus pastoris, *Gervais, Aptères*, iii. 335.
On Rose-coloured Pastor.

17. *DOCOPHORUS celidoxus*. B.M.

Docophorus celidoxus, *Burm. Handb. Ent.* ii. 426; *Denny, Mon. Anopl. Brit.* 77. pl. 4. f. 1.
Philopterus celidoxus, *Gervais, Aptères*, iii. 335.
On Razorbill; on the Puffin; on the Foolish Guillemot.

18. *DOCOPHORUS auratus*. B.M.

Philopterus (Docophorus) auratus, *Nitzsch, Germ. Mag.* iii. 290;
Gervais, Aptères, iii. 333.
Docophorus auratus?, *Steph. Syst. Cat.* ii. 331; *Burm. Handb. Ent.* ii. 426; *Denny, Mon. Anopl. Brit.* 78. pl. 4. f. 5.
On Woodcock.

19. *DOCOPHORUS Fringillæ*. B.M.

Docophorus Fringillæ, *Denny, Mon. Anopl. Brit.* 79. pl. 3. f. 2.
Philopterus fringillæ, *Gervais, Aptères*, iii. 335.
On Mountain Sparrow.

20. *DOCOPHORUS Colymbinus*. B.M.

Docophorus Colymbinus, *Denny, Mon. Anopl. Brit.* 80. pl. 8. f. 8.
Philopterus colymbinus, *Gervais, Aptères*, iii. 336.
On Red-throated Diver; on Black-throated Diver; on Northern Diver.

21. *DOCOPHORUS aquilinus*. B.M.

Docophorus aquilinus, *Denny, Mon. Anopl. Brit.* 81. pl. 2. f. 7.
Philopterus aquilinus, *Gervais, Aptères*, iii. 336.
On Golden Eagle; on White-tailed Eagle; on Honey Buzzard.

22. *DOCOPHORUS cephalus*. B.M.

Docophorus cephalus, *Denny, Mon. Anopl. Brit.* p. 81. pl. 2. f. 8.
Philopterus cephalus, *Gervais, Aptères*, iii. 336.
On Arctic and Pomarine Skuas; on Common Sandpiper and Ringed Plover.

23. *DOCOPHORUS pallescens*. B.M.
Docophorus pallescens, *Denny, Mon. Anopl. Brit.* 82. pl. 1. f. 8.
Philopterus pallescens, *Gervais, Aptères*, iii. 336.
 On Marsh Titmouse and on Great Titmouse.
24. *DOCOPHORUS platygaster*. B.M.
Docophorus platygaster, *Denny, Mon. Anopl. Brit.* 83. pl. 2. f. 5.
Philopterus platygaster, *Gervais, Aptères*, iii. 336.
Nirmus Himantopi, *Leach, MSS. B.M.*
 On Foolish Guillemot; on Dotterel and Ringed Plover; on Long-legged Plover (*Dr. Leach*).
25. *DOCOPHORUS fusiformis*.
Docophorus fusiformis, *Denny, Mon. Anopl. Brit.* 84. pl. 1. f. 2.
Philopterus fusiformis, *Gervais, Aptères*, iii. 336.
 On Little Stint.
26. *DOCOPHORUS Canuti*.
Docophorus Canuti, *Denny, Mon. Anopl. Brit.* p. 84. pl. 3. f. 5.
Philopterus Canuti, *Gervais, Aptères*, iii. 336.
 On Knot.
27. *DOCOPHORUS Cincli*. B.M.
Docophorus Cincli, *Denny, Mon. Anopl. Brit.* 85. pl. 5. f. 8.
Philopterus cincli, *Gervais, Aptères*, iii. 336.
 On the Water Ouzel.
28. *DOCOPHORUS Limosæ*. B.M.
Docophorus Limosæ, *Denny, Mon. Anopl. Brit.* 86. pl. 4. f. 2.
Philopterus limosæ, *Gervais, Aptères*, iii. 336.
 On Bar-tailed Godwit; on Black-tailed Godwit.
29. *DOCOPHORUS megacephalus*. B.M.
Docophorus megacephalus, *Denny, Mon. Anopl. Brit.* 86. pl. 5. f. 5.
Philopterus melanocephalus, *Gervais, Aptères*, iii. 337.
 On Black Guillemot.
30. *DOCOPHORUS rostratus*. B.M.
Docophorus rostratus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 87. pl. 2. f. 4.
Philopterus rostratus, *Gervais, Aptères*, iii. 337.
Nirmus flammineæ, *Leach, MSS. B.M.*
 On White Owl.

31. *DOCOPHORUS* Pari. B.M.

Docophorus Pari, *Denny, Mon. Anopl. Brit.* 87. pl. 6. f. 6.

Philopterus pari, *Gervais, Aptères*, iii. 337.

Nirmus biarmici, *Leach, MSS. B.M.*

On Long-tailed Titmouse; on Cole Titmouse; on Blue Titmouse.

32. *DOCOPHORUS* humeralis. B.M.

Docophorus humeralis, *Denny, Mon. Anopl. Brit.* 88. pl. 5. f. 7.

Philopterus humeralis, *Gervais, Aptères*, iii. 337.

On Common Curlew; on Gannet; on Whimbrel; on Foolish Guillemot.

33. *DOCOPHORUS* Lari. B.M.

Pediculus Lari, *O. Fabr. Faun. Grænl.* 219?

Docophorus Lari, *Denny, Mon. Anopl. Brit.* 89. pl. 5. f. 9.

Philopterus lari, *Gervais, Aptères*, iii. 337.

On Gulls.

34. *DOCOPHORUS* conicus.

Docophorus conicus, *Denny, Mon. Anopl. Brit.* 90. pl. 5. f. 2.

Philopterus conicus, *Gervais, Aptères*, iii. 337.

On Golden Plover.

35. *DOCOPHORUS* serrilimbus. B.M.

Docophorus serrilimbus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 90. pl. 7. f. 9.

Philopterus serrilimbus, *Gervais, Aptères*, iii. 337.

On Wryneck.

36. *DOCOPHORUS* Reguli. B.M.

Docophorus Reguli, *Denny, Mon. Anopl. Brit.* 91. pl. 6. f. 4.

Philopterus reguli, *Gervais, Aptères*, iii. 337.

On Golden-crested Wren.

37. *DOCOPHORUS* Upupæ. B.M.

Docophorus Upupæ, *Denny, Mon. Anopl. Brit.* 92. pl. 8. f. 1.

Philopterus upupæ, *Gervais, Aptères*, iii. 338.

On Hoopoe.

38. *DOCOPHORUS* ceblebrachys. B.M.

Docophorus ceblebrachys, *Nitzsch, MSS.* iv. 197?; *Burm. in Denny*, l. c.; *Denny, Mon. Anopl. Brit.* 92. pl. 1. f. 3.

Philopterus ceblebrachys, *Gervais, Aptères*, iii. 338. pl. 49. f. 8.

On Snowy Owl.

39. *DOCOPHORUS* *Platyrhynchus*.

Pediculus hæmatopus, *Scop. Ent. Carn.* 381.

Pediculus Strigis, *Fabr. Syst. Antl.* 343; *Syst. Ent.* 806; *O. Fabr. Faun. Grænl.* 216; *Müll. Prodr.* 2189; *Zool. Dan.* 699. t. 30.

Philopterus (*Docophorus*) *Platyrhynchus*, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 332.

Docophorus Platyrhynchus, *Steph. Syst. Cat.* ii. 331; *Children. App. to Back's Land Exp.* 536; *Denny, Mon. Anopl. Brit.* 94.

On Goshawk; on Owls?

40. *DOCOPHORUS* *Cygni*.

B.M.

Pulex Cygni secundi generis, *Redi, Exp.* pl. 9, low fig.; *Albin, Spid.* 76. t. 48.

Docophorus icterodes, *Steph. Syst. Cat.* ii. 331?

Docophorus Cygni, *Denny, Mon. Anopl. Brit.* 95. pl. 1. f. 1.

Philopterus cygni, *Gervais, Aptères*, iii. 338.

On Bewick's Swan; on Bean Goose.

41. *DOCOPHORUS* *testudinarius*.

B.M.

Nirmus testudinarius, *Children, App. to Back's Land Exp.* 538?

Docophorus testudinarius, *Denny, Mon. Anopl. Brit.* 96. t. 1. f. 6.

Philopterus testudinarius, *Gervais, Aptères*, iii. 338.

On Curlew.

42. *DOCOPHORUS* *latifrons*.

B.M.

Pediculus cuculi, *Fabr. Syst. Ent.* 807.

Pediculus fasciatus, *Scop. Ent. Carn.* 383.

Philopterus (*Docophorus*) *latifrons*, *Nitzsch, Germ. Mag.* iii. 290; *Gervais, Aptères*, iii. 333.

Docophorus latifrons, *Steph. Syst. Cat.* ii. 331; *Denny, Mon. Anopl. Brit.* 97. pl. 1. f. 4.

On the Cuckoo; on the Wryneck.

43. *DOCOPHORUS* *fuscicollis*.

B.M.

Docophorus fuscicollis, *Burm. Handb.* ii. 425; *Denny, Mon. Anopl. Brit.* 98. pl. 1. f. 7.

Philopterus fuscicollis, *Gervais, Aptères*, iii. 339.

On Cinereous Shrike; on Jay.

44. *DOCOPHORUS* *chrysophthalmi*.

B.M.

Docophorus chrysophthalmi, *Denny, Mon. Anopl. Brit.* 99. pl. 3. f. 3.

Philopterus chrysophthalmi, *Gervais, Aptères*, iii. 339.

On Golden-eye Garrot.

45. *DOCOPHORUS* *Platyleæ*.

B.M.

Docophorus Platyleæ, *Denny, Mon. Anopl. Brit.* 100. pl. 4. f. 9.

Philopterus plataleæ, *Gervais, Aptères*. iii. 339.
On White Spoonbill.

46. *DOCOPHORUS Meropis*. B.M.

Docophorus Meropis, *Denny, Mon. Anopl. Brit.* 101. pl. 4. f. 4.
Philopterus meropis, *Gervais, Aptères*, iii. 339.
On Bee-eater.

47. *DOCOPHORUS cursor*. B.M.

Docophorus cursor, *Burm. Handb.* ii. 426; *Denny, Mon. Anopl. Brit.* 101. pl. 2. f. 1.
Philopterus cursor, *Gervais, Aptères*, iii. 339.
Nirmus stridulæ, *Leach, MSS.* B.M.
Nirmus Brachyoti, *Leach, MSS.* B.M.
On Long-eared Owl; on Short-eared Owl.

48. *DOCOPHORUS icterodes*. B.M.

Philopterus (Docophorus) icterodes, *Nitzsch, Germ. Mag.* iii. 290;
Gervais, Aptères, iii. 333.
Docophorus icterodes, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.*
ii. 424; *Denny, Mon. Anopl. Brit.* 102. pl. 5. f. 11.
Ricinus, *Degeer, Mem.* vii. 72. t. 4. f. 14.
Pediculus dentatus, *Scop. Ent. Carn.* 383.
Nirmus Fuligulæ, *Leach, MSS.* B.M.
On Ducks; on the Smew; on the Goosander.

49. *DOCOPHORUS Thalassidromæ*. B.M.

Docophorus Thalassidromæ, *Denny, Mon. Anopl. Brit.* 103. pl. 2.
f. 6.
Philopterus thalassidromæ, *Gervais, Aptères*, iii. 340.
On Stormy Petrel.

50. *DOCOPHORUS passerinus*. B.M.

Docophorus passerinus, *Denny, Mon. Anopl. Brit.* 104. t. 5. f. 12.
Philopterus passerinus, *Gervais, Aptères*, iii. 340.
On the Pied Wagtail; on the Yellow Wagtail; on the Sedge
Warbler.

51. *DOCOPHORUS tricolor*. B.M.

Philopterus (Docophorus) tricolor, *Nitzsch, Germ. Mag.* iii. 290;
Gervais, Aptères, iii. 334.
Docophorus tricolor, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.*
ii. 424; *Denny, Mon. Anopl. Brit.* 105. pl. 6. f. 9.
On the Black Stork.

52. *DOCOPHORUS incompletus*. B.M.
Philopterus (D.) incompletus, *Nitzsch, Germ. Mag.* iii. 290;
Gervais, Aptères, iii. 334.
Docophorus incompletus, *Denny, Mon. Anopl. Brit.* 105. pl. 6. f. 5.
 On the White Stork.
53. *DOCOPHORUS Merulæ*. B.M.
Docophorus Merulæ, *Denny, Mon. Anopl. Brit.* 106. pl. 3. f. 1.
Philopterus merulæ, *Gervais, Aptères*, iii. 340.
 On the Blackbird; on the Fieldfare; on the Ring Ouzel.
54. *DOCOPHORUS modularis*. B.M.
Docophorus modularis, *Denny, Mon. Anopl. Brit.* 107. pl. 3. f. 3.
Philopterus modularis, *Gervais, Aptères*, iii. 340.
 On the Hedge Sparrow.
55. *DOCOPHORUS Rubeculæ*. B.M.
Docophorus Rubeculæ, *Denny, Mon. Anopl. Brit.* 108.
Philopterus rubeculæ, *Gervais, Aptères*, iii. 340.
Nirmus cælebitis, *Leach, MSS. B.M.* (not "*N. Rubeculæ*, *Leach*.")
 On the Redbreast; on the Chaffinch; on the Snow Bunting.
56. *DOCOPHORUS Platystomus*. B.M.
Docophorus Platystomus, *Burm. Handb.* ii. 426; *Denny, Mon. Anopl. Brit.* 108. pl. 4. f. 7.
Philopterus platystomus, *Gervais, Aptères*, iii. 341.
 On the Common Buzzard; on the Rough-legged Buzzard.
57. *DOCOPHORUS Nisi*. B.M.
Docophorus Nisi, *Denny, Mon. Anopl. Brit.* 109. pl. 3. f. 11.
Philopterus nisi, *Gervais, Aptères*, iii. 341.
Nirmus Nisi, *Leach, MSS. B.M.*
 On the Sparrow-hawk.
58. *DOCOPHORUS Bassanæ*. B.M.
Pediculus Bassani, *Müller, Prodr.* 2193; *O. Fabr. Faun. Grænl.* 218.
Docophorus Bassanæ, *Denny, Mon. Anopl. Brit.* 110. pl. 6. f. 3.
 pl. 7. f. 3.
Philopterus bassani, *Gervais, Aptères*, iii. 341.
 On the Gannet; on the Cormorant; on the Common Tern.
59. *DOCOPHORUS Alcedinis*.
Docophorus Alcedinis, *Denny, Mon. Anopl. Brit.* 111. pl. 6. f. 1
 On the King-fisher.

60. *DOCOPHORUS serratus*.

Philopterus serratus, *Gervais, Aptères*, iii. 341. pl. 49. f. 3.
On the Jackdaw.

61. *DOCOPHORUS triangulifer*.

Philopterus triangulifer, *Gervais, Aptères*, iii. 342.
On the Golden Eagle.

2. *NIRMUS*.

Nirmus, *Nitzsch, Germ. Mag.* iii. 291; *Denny, Anopl. Brit.* 48.
Pediculus, p., *Linn.*

1. *NIRMUS cameratus*.

B.M.

Philopterus (Nirmus) cameratus, *Nitzsch, Germ. Mag.* iii. 291;
Gervais, Aptères, iii. 343.

Nirmus cameratus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii.
430; *Denny, Mon. Anopl. Brit.* 112. pl. 9. f. 9.

Pediculus Tetraonis, *Linn. Syst. Nat.* ii. 1020?

Pediculus Lagopodis, *Linn. Syst. Nat.* ii. 1020?

Pediculus Lagopi, *O. Fabr. Faun. Grænl.* 220?; *Müll. Prodr.* 2200?
On the Red Grouse; on the Black Grouse; on the Ptarmigan.

2. *NIRMUS discocephalus*.

B.M.

Philopterus (Nirmus) discocephalus, *Nitzsch, Germ. Mag.* iii. 291;
Gervais, Aptères, iii. 342.

Nirmus discocephalus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.*
ii. 430; *Denny, Mon. Anopl. Brit.* 113. pl. 9. f. 10.

Pou du Milan brun?, *Lyonet, Mém. du Mus.* xviii. 268. pl. 12.
f. 8, 9.

On the Cinereous Eagle.

3. *NIRMUS turmalis*.

B.M.

Nirmus turmalis, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.* 114.
t. 6. f. 10.

Philopterus turmalis, *Gervais, Aptères*, iii. 344.

On the Bustard.

4. *NIRMUS Numidæ*.

B.M.

Nirmus Numidæ, *Denny, Mon. Anopl. Brit.* 115. pl. 10. f. 5.

Philopterus numidæ, *Gervais, Aptères*, iii. 344.

On the Pintado.

5. *NIRMUS olivaceus*.

B.M.

Nirmus olivaceus, *Burm. Handb.* ii. 431?; *Denny, Mon. Anopl.*
Brit. 115. pl. 11. f. 5.

Philopterus olivaceus, *Gervais, Aptères*, iii. 344.

On the Nutcracker.

6. *NIRMUS gracilis*.

B.M.

Philopterus (*Nirmus*) *gracilis*, *Nitzsch*, *Germ. Mag.* iii. 291 ;
Gervais, *Aptères*, iii. 344.

Nirmus gracilis, *Steph. Syst. Cat.* ii. 331 ; *Burm. Handb.* ii. 429 ;
Deany, *Mon. Anopl. Brit.* 116. pl. 11. f. 7.

On the House-martin.

7. *NIRMUS uncinus*.

B.M.

Philopterus (*Nirmus*) *uncinus*, *Nitzsch*, *Germ. Mag.* iii. 291 ;
Gervais, *Aptères*, iii. 343.

Nirmus uncinus, *Steph. Syst. Cat.* ii. 331 ; *Burm. Handb.* ii.
 430 ; *Denny*, *Mon. Anopl. Brit.* 117. pl. 5. f. 1.

On the Hooded Crow.

8. *NIRMUS marginalis*.

B.M.

Nirmus marginalis, *Burm. Handb.* ii. 431 ; *Denny*, *Mon. Anopl.*
Brit. 118. pl. 8. f. 2.

Philopterus marginalis, *Gervais*, *Aptères*, iii. 345.

On the Fieldfare ; on the Missel Thrush ; on the Ring Ouzel.

9. *NIRMUS fuscus*.

B.M.

Nirmus fuscus, *Nitzsch*, *MSS.* ? ; *Denny*, *Mon. Anopl. Brit.* 118.
 pl. 9. f. 8.

Nirmus discocephalus, *Lyonet*, *Mém. du Mus.* xviii. t. 12. f. 8 ?

Philopterus discocephalus, *Gervais*, *Aptères*, iii. 342.

Nirmus æruginosi, *Leach*, *MSS.* B.M.

On the Moor Harrier ; on the Common Buzzard ; on the Kite ;
 on the Rough-legged Buzzard.

10. *NIRMUS rufus*.

B.M.

Nirmus rufus, *Burm. Handb.* ii. 430 ? ; *Deany*, *Mon. Anopl. Brit.*
 119. pl. 11. f. 11.

Nirmus platyrhynchus, *Lyonet*, *Mém. du Mus.* xviii. t. 13. f. 4 ?

Philopterus rufus, *Gervais*, *Aptères*, iii. 345.

On the Kestrel ; on the Merlin ; on the Sparrow-hawk.

11. *NIRMUS Cuculi*.

B.M.

Nirmus Cuculi, *Denny*, *Mon. Anopl. Brit.* 120. pl. 10. f. 11.

Philopterus cuculi, *Gervais*, *Aptères*, iii. 345.

On the Cuckoo.

12. *NIRMUS tessellatus*.

B.M.

Nirmus tessellatus, *Denny*, *Mon. Anopl. Brit.* 121. pl. 7. f. 2.

Philopterus tessellatus, *Gervais*, *Aptères*, iii. 345.

On the Bittern.

13. *NIRMUS limbatus*. B.M.
Nirmus limbatus, *Burm. Handb.* ii. 429?; *Denny, Mon. Anopl. Brit.* 122. pl. 9. f. 3.
Philopterus limbatus, *Gervais, Aptères*, iii. 345.
 On the Crossbill.
14. *NIRMUS subcuspidatus*. B.M.
Nirmus subcuspidatus, *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 122. pl. 11. f. 1.
Philopterus subcuspidatus, *Gervais, Aptères*, iii. 345.
 On the Roller.
15. *NIRMUS argulus*. B.M.
Philopterus (Nirmus) argulus, *Nitzsch, Germ. Mag.* iii. 291.
Nirmus argulus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 430;
Denny, Mon. Anopl. Brit. 123. pl. 8. f. 4.
Philopterus argula, *Gervais, Aptères*, iii. 342.
 On the Rook; on the Raven.
16. *NIRMUS viscivori*. B.M.
Nirmus viscivori, *Denny, Mon. Anopl. Brit.* 124. pl. 7. f. 7.
Philopterus viscivori, *Gervais, Aptères*, iii. 345.
 On the Missel Thrush.
17. *NIRMUS Fulicæ*. B.M.
Nirmus Fulicæ, *Denny, Mon. Anopl. Brit.* 125. pl. 9. f. 2.
Nirmus minutus, *Nitzsch?*, *Germ. Mag.* iii. 291.
Philopterus Fulicæ, *Gervais, Aptères*, iii. 345.
 On the Coot.
18. *NIRMUS decipiens*. B.M.
Philopterus (Nirmus) decipiens, *Nitzsch, Germ. Mag.* iii. 291.
Nirmus decipiens, *Steph. Syst. Cat.* ii. 331; *Denny, Mon. Anopl. Brit.* 125. pl. 11. f. 2.
Pediculus Recurvirostræ, *Linn. Syst. Nat.* ii. 1019; *Faun. Succ.* 1956; *Fabr. Syst. Ent.* 808.
Philopterus decipiens, *Gervais, Aptères*, iii. 343.
 On the Avocet.
19. *NIRMUS Hæmatopi*. B.M.
Nirmus Hæmatopi, *Denny, Mon. Anopl. Brit.* 126. pl. 10. f. 3.
Nirmus glaucus, *Steph. Syst. Cat.* ii. 332.
Pediculus Hæmatopi, *Linn. Syst. Nat.* ii. 1019?; *Faun. Succ.* 1957; *Fabr. Syst. Ent.* 809.
Philopterus hæmatopi, *Gervais, Aptères*, iii. 345.
 On the Oyster-catcher.

20. *NIRMUS sellatus*. B.M.
Pediculus Sternæ, *Linn. Syst. Nat.* ii. 1019?; *Faun. Suec.* 1953?;
Fabr. Syst. Ent. 808.
Ricinus Lari, *Degeer, Mem.* vii. 77. t. 4. f. 12?
Nirmus sellatus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl.*
Brit. 127. pl. 7. f. 5.
Philopterus stellatus, *Gervais, Aptères*, iii. 346.
 On Common Tern; on Kittiwake Gull; on Herring Gull; on
 Black-headed Gull.
21. *NIRMUS Vanelli*. B.M.
Nirmus Vanelli, *Denny, Mon. Anopl. Brit.* 128. pl. 7. f. 6.
Philopterus Vanelli, *Gervais, Aptères*, iii. 346.
 On the Gray Plover; on the Turnstone.
22. *NIRMUS Merulensis*. B.M.
Nirmus Merulensis, *Denny, Mon. Anopl. Brit.* 128. pl. 7. f. 1.
Philopterus merulensis, *Gervais, Aptères*, iii. 346.
Nirmus Merulæ, *Leach, MSS. B.M.*
 On the Blackbird.
23. *NIRMUS Glandarii*. B.M.
Nirmus Glandarii, *Denny, Mon. Anopl. Brit.* 129. pl. 8. f. 3.
Philopterus glandarii, *Gervais, Aptères*, iii. 346.
 On the Jay.
24. *NIRMUS cuspidatus*.
Pediculus cuspidatus, *Scop. Ent. Carn.* 385?
Nirmus cuspidatus, *Denny, Mon. Anopl. Brit.* 130. pl. 6. f. 2.
Philopterus cuspidatus, *Gervais, Aptères*, iii. 346.
 On the Water Rail; on the Common Water Gallinule.
25. *NIRMUS Iliaci*. B.M.
Nirmus Iliaci, *Denny, Mon. Anopl. Brit.* 130. pl. 9. f. 4.
Philopterus iliaens, *Gervais, Aptères*, iii. 346.
 On the Redwing; on the Rose-coloured Pastor.
26. *NIRMUS claviformis*. B.M.
Nirmus claviformis, *Denny, Mon. Anopl. Brit.* 131. pl. 9. f. 7.
Philopterus claviformis, *Gervais, Aptères*, iii. 346.
 On the Ringdove; on the Stockdove.
27. *NIRMUS annulatus*. B.M.
Nirmus annulatus, *Burm. Handb.* ii. 428?; *Denny, Mon. Anopl.*
Brit. 132. pl. 8. f. 5.

Philopterus annulatus, *Gervais, Aptères*, iii. 347.
On the Common Thick-knee.

28. *NIRMUS nebulosus*. B.M.

Nirmus nebulosus, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 132. pl. 11. f. 13.

Philopterus nebulosus, *Gervais, Aptères*, iii. 347.
On the Starling.

29. *NIRMUS Apiastri*. B.M.

Nirmus Apiastri, *Denny, Mon. Anopl. Brit.* 133. pl. 10. f. 4.

Philopterus apiastri, *Gervais, Aptères*, iii. 347.
On the Bee-eater.

30. *NIRMUS ochropi*. B.M.

Nirmus ochropi, *Denny, Mon. Anopl. Brit.* 134. pl. 11. f. 12.

Philopterus ochropi, *Gervais, Aptères*, iii. 347.
On the Green Sandpiper.

31. *NIRMUS attenuatus*. B.M.

Philopterus (Nirmus) attenuatus, *Nitzsch, Germ. Mag.* iii. 291;
Gervais, Aptères, iii. 343.

Nirmus attenuatus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 134. pl. 10. f. 2.

Pediculus Ortygometræ, *Schränk, En. Ins. Austr.* 503.
On the Corn Crane; on the Redshank.

32. *NIRMUS strepsilaris*. B.M.

Nirmus strepsilaris, *Denny, Mon. Anopl. Brit.* 135. pl. 11. f. 4.

Philopterus strepsilaris, *Gervais, Aptères*, iii. 347.
On the Turnstone.

33. *NIRMUS Hiaticulæ*. B.M.

Nirmus Hiaticulæ, *Denny, Mon. Anopl. Brit.* 136. pl. 11. f. 10;
Leach, MSS. B.M.

Philopterus Hiaticulæ, *Gervais, Aptères*, iii. 347.
On the Ringed Plover.

34. *NIRMUS fusco-marginatus*. B.M.

Nirmus fusco-marginatus, *Denny, Mon. Anopl. Brit.* 136. pl. 10. f. 1.

Philopterus fusco-marginatus, *Gervais, Aptères*, iii. 347.
On the Eared Grebe.

35. NIRMUS Rallinus.

Nirmus Rallinus, *Denny, Mon. Anopl. Brit.* 137. pl. 8. f. 7.
 Philopterus Rallinus, *Gervais, Aptères*, iii. 347.
 On the Water Rail.

36. NIRMUS Alcæ.

B.M.

Nirmus Alcæ, *Denny, Mon. Anopl. Brit.* 137. pl. 9. f. 1.
 Philopterus Alcæ, *Gervais, Aptères*, iii. 347.
 On the Razor-bill.

37. NIRMUS Œdicnemi.

Nirmus Œdicnemi, *Denny, Mon. Anopl. Brit.* 138. pl. 7. f. 8.
 Philopterus œdicnemi, *Gervais, Aptères*, iii. 347.
 On the Thick-kneed Plover.

38. NIRMUS stramineus.

B.M.

Nirmus stramineus, *Denny, Mon. Anopl. Brit.* 139. pl. 8. f. 9.
 Philopterus stramineus, *Gervais, Aptères*, iii. 348.
 On the Great Spotted Woodpecker; on Green Woodpecker.

39. NIRMUS Phalaropi.

B.M.

Nirmus Phalaropi, *Denny, Mon. Anopl. Brit.* 139. pl. 8. f. 6;
Leach, MSS. B.M.
 Philopterus phalaropi, *Gervais, Aptères*, iii. 348.
 On the Gray Phalarope.

40. NIRMUS elongatus.

B.M.

Nirmus elongatus, *Denny, Mon. Anopl. Brit.* 140. pl. 7. f. 4.
 Philopterus elongatus, *Gervais, Aptères*, iii. 348.
 On the House Martin.

41. NIRMUS hypoleucus.

B.M.

Nirmus hypoleucus, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.*
 141. pl. 6. f. 8.
 Philopterus hypoleucus, *Gervais, Aptères*, iii. 348.
 On the Goatsucker.

42. NIRMUS Podicepis.

B.M.

Nirmus Podicepis, *Denny, Mon. Anopl. Brit.* 142. pl. 10. f. 9.
 Pediculus Colymbinus, *Scop. Faun. Carn.* 384.
 Philopterus podicepis, *Gervais, Aptères*, iii. 348.
 On the Little Grebe; Great-crested Grebe; Red-necked Grebe.

43. **NIRMUS junceus.** B.M.
Nirmus junceus, *Scop. Faun. Carn.* 384?; *Denny, Mon. Anopl. Brit.* 143. pl. 9. f. 5.
Philopterus junceus, *Gervais, Aptères*, iii. 348.
Nirmus Vanelli, *Leach, MSS. B.M.*
 On the Lapwing; Greenshank; Wild Swan.
44. **NIRMUS Numenii.** B.M.
Nirmus Numenii, *Denny, Mon. Anopl. Brit.* 144. pl. 9. f. 6.
Philopterus numenii, *Gervais, Aptères*, iii. 348.
 On the Curlew; Coot.
45. **NIRMUS Phæopi.** B.M.
Nirmus Phæopi, *Denny, Mon. Anopl. Brit.* 144. pl. 10. f. 7.
Philopterus phæopi, *Gervais, Aptères*, iii. 348.
 On the Whimbrel; Pigmy Curlew.
46. **NIRMUS holophæus.** B.M.
Nirmus holophæus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 145. pl. 10. f. 10.
Philopterus holophæus, *Gervais, Aptères*, iii. 349.
 On the Ruff; Pigmy Curlew; Turnstone; Knot.
47. **NIRMUS cingulatus.** B.M.
Nirmus cingulatus, *Burm. Handb.* ii. 428?; *Denny, Mon. Anopl. Brit.* 146. pl. 11. f. 3.
Philopterus cingulatus, *Gervais, Aptères*, iii. 349.
 On the Black-tailed Godwit; Bar-tailed Godwit; Ruff.
48. **NIRMUS obscurus.** B.M.
Nirmus obscurus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 147. pl. 10. f. 6.
Philopterus obscurus, *Gervais, Aptères*, iii. 349.
 On the Sanderling; Dunlin; Little Stint; Curlew; Black-tailed Godwit; Bar-tailed Godwit; Scaup Duck; Black Tern; Green Sandpiper; Common Sandpiper; Pigmy Curlew; Kentish Plover; Wood Sandpiper.
49. **NIRMUS fissus.** B.M.
Philopterus (Nirmus) fissus, *Nitzsch, Germ. Mag.* iii. 291; *Gervais, Aptères*, iii. 344.
Nirmus fissus, *Steph. Syst. Cat.* ii. 331; *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 148. pl. 10. f. 8.
Pediculus charadrii, *Linn. Syst. Nat.* ii. 1019.
Nirmus crassipes, *Denny, MSS.*
 On the Little Ringed Plover; Redshank.

50. *NIRMUS tenuis*.

Nirmus tenuis, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 148. pl. 11. f. 9.

Philopterus tenuis, *Gervais, Aptères*, iii. 349.
On the Sand Martin.

51. *NIRMUS Scolopacis*.

B.M.

Nirmus Scolopacis, *Denny, Mon. Anopl. Brit.* 149. pl. 11. f. 8.
Philopterus scolopacis, *Gervais, Aptères*, iii. 349.
On the Common Snipe.

52. *NIRMUS cyclothorax*.

Nirmus cyclothorax, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 150. pl. 11. f. 6.
Philopterus cyclothorax, *Gervais, Aptères*, iii. 349.
On the Mountain Finch.

53. *NIRMUS furvus*.

Nirmus furvus, *Burm. Handb.* ii. 427; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus furvus, *Gervais, Aptères*, iii. 349.
On *Tringoides macularia*; *Totanus glottis*; *Cinclus interpres*.

54. *NIRMUS Nythemerus*.

Nirmus Nythemerus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* p. 151 (ref.).
Pediculus Sternæ, *Fabr. Syst. Antl.* 346.
Philopterus nythemerus, *Gervais, Aptères*, iii. 350.
On *Sterna minuta*.

55. *NIRMUS eugrammicus*.

Nirmus eugrammicus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus grammicus, *Gervais, Aptères*, iii. 350.
On *Larus minutus*.

56. *NIRMUS punctatus*.

Nirmus punctatus, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus punctatus, *Gervais, Aptères*, iii. 344.
On the *Larus ridibundus*.

57. *NIRMUS stenopyx*.

Nirmus stenopyx, *Burm. Handb.* ii. 428; *Denny, Mon. Anopl. Brit.* 151 (ref.).
Philopterus stenopyx, *Gervais, Aptères*, iii. 350.
On the *Auas rufina*.

58. *NIRMUS cruciatus*.

Nirmus cruciatus, *Burm. Handb.* ii. 429; *Denny, Mon. Anopl. Brit.* 151 (ref.).

Philopterus cruciatus, *Gervais, Aptères*, iii. 350.

On the *Lanius collurio*.

59. *NIRMUS varius*.

Nirmus varius, *Burm. Handb.* ii. 430; *Denny, Mon. Anopl. Brit.* 151 (ref.).

Philopterus variatus, *Gervais, Aptères*, iii. 350.

On *Corvus corone*; *Corvus monedula*.

3. GONIOCOTES.

Goniocotes, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 55.

Goniodes, b., *Nitzsch, Germ. Mag.* iii. 294.

Pediculus, p., *Scop.*

Ricinus, p., *Degeer*.

1. *GONIOCOTES compar*.

B.M.

Philopterus (Goniodes) compar, *Nitzsch, Germ. Mag.* iii. 294.

Goniodes compar, *Steph. Syst. Cat.* ii. 333.

Goniocotes compar, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 152. pl. 13. f. 2.

Pediculus bidentatus, *Scop. Ent. Carn.* 385.

Philopterus compar, *Gervais, Aptères*, iii. 358.

On the Stock Dove; on the Ring Dove; on the Turtle Dove.

2. *GONIOCOTES hologaster*.

B.M.

Philopterus (Goniodes) hologaster, *Nitzsch, Germ. Mag.* iii. 294.

Goniodes hologaster, *Steph. Syst. Cat.* ii. 333.

Goniocotes hologaster, *Burm. Handb.* ii. 431; *Denny, Mon. Anopl. Brit.* 153. pl. 13. f. 4.

Ricinus Gallinæ, *Degeer, Mem.* vii. pl. 4. f. 15.

Philopterus hologaster, *Gervais, Aptères*, iii. 358.

On the Domestic Fowl.

4. GONIODES.

Goniodes, *Nitzsch, Germ. Mag.* iii. 293; *Denny, Mon. Anopl. Brit.* 56.

Ricinus, *Kirby*.

1. *GONIODES falcicornis*.

B.M.

Pediculus Pavonis, *L. Syst. Nat.* ii. 1019; *Fabr. Syst. Ent.* 809; *Schrank, En. Ins. Austr.* 1028; *Panz. Faun. Ins. Germ.* 51. f. 19.

Louse of Peacock, *Albin, Spiders*, pl. 50.

Pulex Pavonis, *Redi, Exp.* pl. 14.

Nirmus tetragonocephalus, *Olfers*, 90.

Ricinus Pavonis, *Kirby & Spence, Intr. to Ent.* ii. pl. 5. f. 3 ♂.

Philopterus (*Goniodes*) *falcicornis*, *Nitzsch, Germ. Mag.* iii. 293.

Goniodes falcicornis, *Burm. Handb.* ii. 432; *Steph. Syst. Cat.* ii.

333; *Denny, Mon. Anopl. Brit.* 155. pl. 12. f. 1 (ad.), 3 (jun.).

Philopterus falcicornis, *Gervais, Aptères*, iii. 356.

On the Peacock.

2. *GONIODES stylifer*.

B.M.

Pediculus Meleagris, *Schrank, En. Ins. Austr.* 504.

Philopterus (*Goniodes*) *stylifer*, *Nitzsch, Germ. Mag.* iii. 294;

Gervais, Aptères, iii. 357.

Goniodes stylifer, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 432;

Denny, Mon. Anopl. Brit. 156. pl. 12. f. 2.

On the Turkey.

3. *GONIODES Colchici*.

B.M.

Pediculus Phasiani, *Fabr. Spec. Ins.* ii. 482?

Goniodes Colchici, *Denny, Mon. Anopl. Brit.* 158. t. 12. f. 4.

Philopterus colchici, *Gervais, Aptères*, iii. 357.

On the Pheasant.

4. *GONIODES Ortygis*.

B.M.

Goniodes Ortygis, *Denny, Mon. Anopl. Brit.* 158. pl. 13. f. 6.

Philopterus ortygis, *Gervais, Aptères*, iii. 357.

On the Virginian Colin.

5. *GONIODES dispar*.

B.M.

Philopterus (*Goniodes*) *dispar*, *Nitzsch, Germ. Mag.* iii. 294?;

Gervais, Aptères, iii. 357.

Goniodes dispar, *Burm. Handb.* ii. 432?; *Denny, Mon. Anopl.*

Brit. 159. pl. 12. f. 5.

On the Common Partridge.

6. *GONIODES chelicornis*.

B.M.

Philopterus (*Goniodes*) *chelicornis*, *Nitzsch, Germ. Mag.* iii. 293;

Gervais, Aptères, iii. 356.

Goniodes chelicornis, *Steph. Syst. Cat.* ii. 333; (*Lyonet*) *Mém.*

du Mus. xviii. 268. pl. 12. f. 7; *Children, App. to Back's Land*

Exp. 539; *Denny, Mon. Anopl. Brit.* 160. pl. 13. f. 8.

On Capercailzie.

7. GONIODES Tetraonis.

B.M.

Goniodes Tetraonis, *Denny, Mon. Anopl. Brit.* 161. pl. 13. f. 3.Philopterus tetraonis, *Gervais, Aptères*, iii. 357.

On Black Grouse; on Red Grouse; on Willow Grouse.

8. GONIODES dissimilis.

B.M.

Philopterus (Goniodes) dissimilis, *Nitzsch, Germ. Mag.* iii. 294;*Gervais, Aptères*, iii. 357.Goniodes dissimilis, *Steph. Syst. Cat.* ii. 162; *Denny, Mon. Anopl.**Brit.* 162. pl. 12. f. 6 (♀).

On Domestic Fowl.

9. GONIODES Numidianus.

B.M.

Goniodes Numidianus, *Denny, Mon. Anopl. Brit.* 163. pl. 13.
f. 7.Philopterus numidianus, *Gervais, Aptères*, iii. 357.

On the Pintado.

5. LIPEURUS.

Lipeurus, *Nitzsch, Germ. Mag.* iii. 292; *Denny, Mon. Anopl. Brit.*
55. 164.Ornithobius, *Leach*.

1. LIPEURUS variabilis.

B.M.

Pediculus Caponis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1960;
Fabr. Syst. Ent. 809.Philopterus (Lipeurus) variabilis, *Nitzsch, Germ. Mag.* iii. 292;
Gervais, Aptères, iii. 352.Lipeurus variabilis, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl.*
Brit. 164. pl. 15. f. 6.

On Domestic Fowl.

2. LIPEURUS polytrapezius.

B.M.

Pediculus Meleagridis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.*
1958; *Fabr. Syst. Ent.* 809; *Frisch, Ins. Austr.* 8. t. 4.Philopterus (Lipeurus) polytrapezius, *Nitzsch, Germ. Mag.* iii. 293;
Gervais, Aptères, iii. 352.Lipeurus polytrapezius, *Burm. Handb.* ii. 434; *Denny, Mon. Anopl.*
Brit. 165. pl. 15. f. 5.

On the Turkey.

3. LIPEURUS gyricornis.

B.M.

Lipeurus gyricornis, *Denny, Mon. Anopl. Brit.* 167. pl. 15. f. 1.Philopterus gyricornis, *Gervais, Aptères*, iii. 355.

On Common Tern.

4. **LIPEURUS quadripustulatus.** B.M.
Philopterus (*Lipeurus*) *quadripustulatus*, *Nitzsch, Germ. Mag.* iii. 293; *Gervais, Aptères*, iii. 354.
Lipeurus quadripustulatus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 167. pl. 16.
 On the Golden Eagle; on the Cinereous Eagle.
5. **LIPEURUS sulcifrons.** B.M.
Lipeurus sulcifrons, *Denny, Mon. Anopl. Brit.* 169. pl. 14. f. 1 ♀.
 On the Cinereous Eagle.
6. **LIPEURUS Tadornæ.** B.M.
Lipeurus Tadornæ, *Denny, Mon. Anopl. Brit.* 170. pl. 14. f. 6.
Philopterus tadornæ, *Gervais, Aptères*, iii. 355.
Nirmus Tadornæ, *Leach, MSS. B.M.*
Var. Nirmus anseris, *Leach, MSS. B.M.*
 On the Shieldrake.
7. **LIPEURUS versicolor.** B.M.
Pediculus Ciconiæ, *Linn. Syst. Nat.* ii. 1019; *Faun. Suec.* 1925;
Fabr. Syst. Ent. 808; *Frisch, Ins. Austr.* pl. 6.
Philopedon (*Lipeurus*) *versicolor*, *Nitzsch, Germ. Mag.* iii. 292;
Gervais, Aptères, iii. 351.
Lipeurus versicolor, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 434; *Denny, Mon. Anopl. Brit.* 171. pl. 15. f. 7.
 On the White Stork.
8. **LIPEURUS Baculus.** B.M.
Pulex Columbæ majoris, *Redi, Exp.* pl. 2, fig. sup.
Pediculus Columbæ, *Linn. Syst. Nat.* ii. 1020; *Fabr. Syst. Ent.* 809; *Spec. Ins.* ii. 482; *Geoff. Ins.* ii. 599; *Schrank, En. Ins. Aust.* 1031; *Beytr.* 114. t. 5. f. 3; *Donov. Brit. Ins.* ix. 291.
 Louse of Pigeon, *Albin, Spiders*, pl. 43 (low. fig.) (cop. *Redi*).
Nirmus filiformis, *Olfers*, 90.
Philopterus (*Lipeurus*) *Baculus*, *Nitzsch, Germ. Mag.* iii. 293;
Gervais, Aptères, iii. 355.
Lipeurus Baculus, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 434;
 (*Lyonet*) *Mém. du Mus.* xviii. 273. pl. 13. f. 10; *Denny, Mon. Anopl. Brit.* 172. pl. 14. f. 3.
 On Pigeons.
9. **LIPEURUS pelagicus.** B.M.
Lipeurus pelagicus, *Denny, Mon. Anopl. Brit.* 173. pl. 14. f. 2.
Philopterus pelagicus, *Gervais, Aptères*, iii. 355.
Nirmus Procellariæ, *Leach, MSS. B.M.*
 On Stormy Petrel; on Leach's Petrel.

10. *LIPEURUS leucopygus*. B.M.

Pediculus Ardeæ, *Linn. Syst. Nat.* ii. 1019; *Fabr. Syst. Ent.* 422.

Pediculus ardealis, *Frisch, Ins.* 5. t. 4; *Scop. Ent. Carn.* 384.

Pulex ardeæ, *Redi, Exp.* pl. 6.

Louse of the Heron, *Albin, Spiders*, pl. 45 (low. fig.).

Lipeurus obtusus, *Steph. Syst. Cat.* ii. 332.

Lipeurus leucopygus, *Burm. Handb.* ii. 434; *Denny, Mon. Anopl. Brit.* 174. pl. 14. f. 4.

Philopterus leucopygus, *Gervais, Aptères*, iii. 351.

On the Heron.

11. *LIPEURUS temporalis*. B.M.

Pediculus mergi, *Fabr. Spec. Ins.* ii. 480.

Ricinus mergi serrati, *Degeer, Mem.* vii. 78. t. 4. f. 13.

Philopterus (Lipeurus) temporalis, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 352.

Lipeurus temporalis, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 175. pl. 14. f. 7.

On Red-breasted Merganser; on Goosander.

12. *LIPEURUS squalidus*. B.M.

Pediculus anatis, *Fabr. Syst. Antl.* 345.

Philopterus (Lipeurus) squalidus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 351. pl. 47. f. 9.

Lipeurus squalidus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 176. t. 14. f. 5.

Nirmus anatis, *Leach, MSS.* B.M.

On the Mallard; Scaup Duck; Scoter; Poehard; Shieldrake.

13. *LIPEURUS jejunus*. B.M.

Pediculus Anseris, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1952; *Fabr. Syst. Ent.* 807; *Schrank, Ins. Austr.* 503.

Nirmus crassicornis, *Olfers*, 88.

Pulex Anseris sylvestris, *Redi, Exp.* pl. 10.

Louse of the Wild Goose, *Albin, Spiders*, 76. t. 58 (cop. *Redi*).

Philopterus (Lipeurus) jejunus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 352.

Lipeurus jejunus, *Steph. Syst. Cat.* ii. 332; *Children, App. to Back's Land Exp.* 538; *Denny, Mon. Anopl. Brit.* 177. pl. 15. f. 4.

On White-fronted Goose; Brent Goose; Wild Goose; Bean Goose.

14. *LIPEURUS stellaris*. B.M.

Lipeurus stellaris, *Denny, Mon. Anopl. Brit.* 178. pl. 15. f. 3.

Philopterus stellaris, *Gervais*, *Aptères*, iii. 351.
On the Bittern.

15. *LIPEURUS ebræus*. B.M.

Pediculus Gruis, *Linn. Syst. Nat.* ii. 1019; *Faun. Suec.* 1954;
Fabr. Syst. Ent. 809; *Frisch, Ins.* 5. t. 4.

Pulex Gruis, *Redi, Exp.* pl. 3; *Oper.* t. 19.

Louse of the Crane, *Albin, Spid.* pl. 44, upp. fig. (cop. *Redi*).

Philopterus (Lipeurus) ebræus, *Nitzsch, Germ. Mag.* iii. 293;
Gervais, Aptères, iii. 354.

Lipeurus ebræus, *Steph. Syst. Cat.* ii. 332; *Burm. Handb.* ii. 435;
Denny, Mon. Anopl. Brit. 179. pl. 13. f. 5.

On the Craue.

16. *LIPEURUS staphylinoides*. B.M.

Lipeurus staphylinoides, *Denny, Mon. Anopl. Brit.* 180. pl. 15. f. 2.

Philopterus staphylinoides, *Gervais, Aptères*, iii. 355. pl. 49.
f. 5 ♂.

On the Gannet.

17. *LIPEURUS brevicornis*. B.M.

Lipeurus brevicornis, *Denny, Mon. Anopl. Brit.* 181. pl. 13. f. 8.

Philopterus brevicornis, *Gervais, Aptères*, iii. 355.

On the Crested Shag; Oyster-catcher.

18. *LIPEURUS luridus*. B.M.

Pulex Fulicæ, *Redi, Exp.* pl. 4. f. 2.

Louse of the More-hen, *Albin, Spid.* pl. 45.

Philopterus (Lip.) luridus, *Nitzsch, Germ. Mag.* iii. 292; *Gervais, Aptères*, iii. 351.

Lipeurus luridus, *Steph. Syst. Cat.* ii. 332; *Denny, Mon. Anopl. Brit.* 182. pl. 10. f. 12.

On the Coot; Water-hen.

19. *LIPEURUS bilineatus*.

Lipeurus bilineatus, *Steph. Syst. Cat.* ii. 333; *Denny, Mon. Anopl. Brit.* 182 (ref.).

Pediculus Vagelli, *Fabr. Syst. Antl.* 346.

Philopterus bilineatus, *Gervais, Aptères*, iii. 355.

On the Fulmar.

6. ORNITHOBIUS.

Ornithobius, *Denny, Mon. Anopl. Brit.* 183.

Nirmus, *Burm.*

Philopterus, p., *Gervais*.

1. ORNITHOBIUS Cygni.

B.M.

Pediculus cygni, *Linn. Syst. Nat.* ii. 1018; *Fabr. Syst. Ent.* 807.Pulex cygni, *Redi, Exp.* t. 8; *Oper.* t. 20.Louse of the Swan, *Albin, Spid.* 76. t. 48 (cop. *Redi*).Trinoton conspurcatus, p., *Steph. Syst. Cat.* ii. 334.Ornithobius cygni, *Denny, Mon. Anopl. Brit.* 183. pl. 23. f. 1.Philopterus cygnorum, *Gervais, Aptères*, iii. 359.

On Wild Swan; Tame Swan; Bewick's Swan.

2. ORNITHOBIUS gonioplurus.

B.M.

Ornithobius gonioplurus, *Denny, Mon. Anopl. Brit.* 184. pl. 23. f. 2.Philopterus goniopleurus, *Gervais, Aptères*, iii. 359.

On Canada Swan; Goosander.

3. ORNITHOBIUS atro-marginatus.

B.M.

Ornithobius atro-marginatus, *Denny, Mon. Anopl. Brit.* 185.
pl. 22. f. 3.Philopterus atro-marginatus, *Gervais, Aptères*, iii. 360.

On Canada Swan.

Tribe 2. TRICHODECTINA. Mammalia Lice.

7. TRICHODECTES.

Trichodectes, *Nitzsch, Germ. Mag.* iii. 294; *Denny, Mon. Anopl. Brit.* 186.Pediculus, p., *Linn.*Ricinus, p., *Degeer*.

1. TRICHODECTES crassus.

B.M.

Pediculus Melis, *Fabr. Syst. Antl.* 341.Trichodectes crassus, *Nitzsch, Germ. Mag.* iii. 295; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 187. pl. 17. f. 3; *Gervais, Aptères*, iii. 312.

On Badger.

2. TRICHODECTES latus.

B.M.

Ricinus canis, *Degeer, Mem.* vii. pl. 4. f. 16.Pediculus setosus, *Olfers*, 84.Trichodectes latus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 188. pl. 17. f. 1; *Gervais, Aptères*, iii. 312.Trichodectes 8-punctatus, *Leach, MSS.* B.M.

On the Dog.

3. *TRICHODECTES subrostratus*. B.M.
Trichodectes subrostratus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 189 & *postscript*; *Gervais, Aptères*, iii. 312.
Pediculus canis, *O. Fabr. Faun. Grænl.* 215?
 On Domestic Cat.
4. *TRICHODECTES Vulpis*. B.M.
Trichodectes Vulpis, *Denny, Mon. Anopl. Brit.* 189. pl. 17. f. 5;
Gervais, Aptères, iii. 312.
 On Fox.
5. *TRICHODECTES dubius*. B.M.
Trichodectes dubius, *Nitzsch, Germ. Mag.* iii. 296; *Denny, Mon. Anopl. Brit.* 190. pl. 17. f. 2; *Gervais, Aptères*, iii. 312.
Pediculus Mustelæ, *Schrank, Faun. Boic.*
 On Weasel; on Stoat.
6. *TRICHODECTES retusus*. B.M.
Trichodectes retusus, *Nitzsch, Germ. Mag.* iii. 296; *Burm. Handb.* ii. 436; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 194 (ref.); *Gervais, Aptères*, iii. 312.
 On Martin (*Mustela foina*).
7. *TRICHODECTES scalaris*. B.M.
Pediculus Bovis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1946;
Fabr. Spec. Ins. ii. 477; *Berkenh. Syn.* i. 170.
Trichodectes scalaris, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 191. pl. 17. f. 9; *Rayer, Arch. Med. Comp.* i. 176. pl. 5. f. 4-6;
Gervais, Aptères, iii. 314.
 On Cattle; on the Ass.
8. *TRICHODECTES Equi*. B.M.
Pediculus Equi, *Linn. Syst. Nat.* ii. 1018; *Faun. Suec.* 1948;
Fabr. Spec. Ins. ii. 478.
Trichodectes Equi, *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* 191. pl. 17. f. 7; *Gervais, Aptères*, iii. 314.
Trichodectes Caballi, *Leach, MSS. B.M.*
 On the Horse; on the Ass.
9. *TRICHODECTES longicornis*. B.M.
Pediculus Cervi, *Redi, Exp.* pl. 23 (low. fig.).
 Louse of Stag, *Albin, Spiders*, pl. 53 (low. fig., cop. *Redi*).
Trichodectes longicornis, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436.

Trichodectes longicornis, *Denny, Mon. Anopl. Brit.* 192. pl. 17. f. 8; *Gervais, Aptères*, iii. 314.

On the Fallow Deer.

10. *TRICHODECTES sphærocephalus*.

Pediculus Ovis, *Linn. Syst. Nat.* ii. 1017; *Faun. Suec.* 1945; *Schrank, En. Ins. Austr.* 502. t. 1. f. 8, 9; *Redi, Exp.* pl. 22 (left fig.).

Trichodectes sphærocephalus, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 193. pl. 17. f. 4; *Gervais, Aptères*, iii. 313.

On the Sheep.

11. *TRICHODECTES similis*.

B.M.

Trichodectes similis, *Denny, Mon. Anopl. Brit.* 194. pl. 17. f. 6.

On Red Deer.

12. *TRICHODECTES exilis*.

Trichodectes exilis, *Nitzsch, Germ. Mag.* iii. 296; *Steph. Syst. Cat.* ii. 330; *Denny, Mon. Anopl. Brit.* p. 194 (refer.); *Gervais, Aptères*, iii. 313.

On Otter.

Fam. 3. LIOTHEIDÆ.

Liotheidæ, *Burm. Handb.* ii. 436; *Denny, Mon. Anopl. Brit.* 195, 197.

Nirmidæ, p., *Leach*.

Tribe 1. LIOTHEINA. Tarsi 2-clawed.

Liotheum, *Nitzsch, Voigt Mag. f. d. Nat.* xii. 420 (1806); *Germ. Mag.* iii. 296; *Denny, Mon. Anopl. Brit.* 197.

Pediculus, p., *Linn.*

Ricinus, p., *Degeer*.

Nirmus, p., *Hermann*.

Pulex, p., *Redi*.

1. COLPOCEPHALUM.

Colpocephalum, *Nitzsch, Germ. Mag.* iii. 298; *Denny, Mon. Anopl. Brit.* 198, 206.

1. *COLPOCEPHALUM flavescens*.

B.M.

Liotheum (Colpocephalum) flavescens, *Nitzsch, Germ. Mag.* iii. 298.

Colpocephalum flavescens, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.* ii. 438; *Dehaan (Lyonet), Mém. du Mus.* xviii. 262. t. 12. f. 1; *Denny, Mon. Anopl. Brit.* 206. pl. 18. f. 2.

Liotheum flavescens, *Gervais, Aptères*, iii. 319.

On Honey Buzzard; on Peregrine Falcon; on Golden Eagle;
on Kite; on White-tailed Eagle.

2. *COLPOCEPHALUM* Fregili.

B.M.

Colpocephalum Fregili, *Denny, Mon. Anopl. Brit.* 208. pl. 20. f. 4.

Liotheum Fregili, *Gervais, Aptères*, iii. 320.

On the Cornish Chough.

3. *COLPOCEPHALUM* turbinatum.

B.M.

Colpocephalum turbinatum, *Denny, Mon. Anopl. Brit.* 209.
pl. 21. f. 1.

Liotheum turbinatum, *Gervais, Aptères*, iii. 320.

On Turbet Pigeon.

4. *COLPOCEPHALUM* zebra.

B.M.

Liotheum (*Colpocephalum*) zebra, *Nitzsch, Germ. Mag.* iii. 298;
Gervais, Aptères, iii. 319.

Colpocephalum zebra, *Steph. Syst. Cat.* ii. 333; *Burm. Handb.*
ii. 438; *Denny, Mon. Anopl. Brit.* 210. pl. 19. f. 2.

On White Stork.

5. *COLPOCEPHALUM* ochraceum.

B.M.

Pulex aris Pluvialis, *Redi, Exp.* pl. 11, upp. fig.

Louse of the Cormorant?, *Albin, Spid.* pl. 46 (upp. fig.).

Liotheum (*Colpocephalum*) ochraceum, *Nitzsch, Germ. Mag.* iii.
299; *Gervais, Aptères*, iii. 320.

Colpocephalum ochraceum, *Steph. Syst. Cat.* ii. 333; *Burm.*
Handb. ii. 438; *Denny, Mon. Anopl. Brit.* 211. pl. 18. f. 3.

On the Oyster-catcher; on Common Sandpiper; on Ringed
Plover; on Brown Snipe; on Bar-tailed Godwit; on Lesser
Tern; on Dunlin; on Lapwing.

6. *COLPOCEPHALUM* piceum.

B.M.

Colpocephalum piceum, *Denny, Mon. Anopl. Brit.* 212. pl. 18. f. 4.

Liotheum piceum, *Gervais, Aptères*, iii. 320.

On Sandwich Tern.

7. *COLPOCEPHALUM* subæquale.

B.M.

Liotheum (*Colpocephalum*) subæquale, *Nitzsch, Germ. Mag.*
iii. 299; *Gervais, Aptères*, iii. 319.

Colpocephalum subæquale, *Steph. Syst. Cat.* ii. 333; *Burm.*
Handb. ii. 438; *Children, App. to Back's Land Exp.* 539;
Denny, Mon. Anopl. Brit. 213. pl. 18. f. 5.

Pou du Corbeau, *Dehaan (Lyonet), Mém. du Mus.* xviii. 266. pl. 12. f. 5.

On the Rook; on Carrion Crow; on Raven.

8. *COLPOCEPHALUM eury sternum*. B.M.

Pediculus Picæ, Linn. Syst. Nat. ii. 1018; *Fabr. Syst. Ent.* 807.

Pulex Picæ, Redi, Exp. t. 5.

Louse of the Magpie, *Albin, Spid.* 76. t. 45 (cop. *Redi*).

Menopon eury sternum, Burm. Handb. ii. 439.

Colpocephalum eury sternum, Denny, Mon. Anopl. Brit. 213. pl. 18. f. 6.

Liotheum eury sternum, Gervais, Aptères, iii. 321.

On the Magpie.

9. *COLPOCEPHALUM importunum*. B.M.

Colpocephalum importunum, Nitzsch, MSS.; Denny, Mon. Anopl. Brit. 214. t. 18. f. 1.

Pou du Heron, *Dehaan (Lyonet), Mém. du Mus.* xviii. 265. pl. 12. f. 4.

Liotheum importunum, Gervais, Aptères, iii. 320.

On the Heron.

10. *COLPOCEPHALUM Nyctarde*. B.M.

Colpocephalum Nyctarde, Denny, Mon. Anopl. Brit. 215. pl. 20. f. 9.

Liotheum nyctarde, Gervais, Aptères, iii. 321.

On Night-heron.

11. *COLPOCEPHALUM quadri-pustulatum*. B.M.

Colpocephalum 4-pustulatum, Burm. Handb. ii. 438; *Denny, Mon. Anopl. Brit.* 216. pl. 18. f. 8.

Liotheum 4-pustulatum, Gervais, Aptères, iii. 321.

On the White Stork.

12. *COLPOCEPHALUM Haliaëti*. B.M.

Colpocephalum Haliaëti, Denny, Mon. Anopl. Brit. 216. pl. 19. f. 1.

Liotheum haliaëtis, Gervais, Aptères, iii. 321.

On the Osprey.

13. *COLPOCEPHALUM inæquale*.

Colpocephalum inæquale, Burm. Handb. ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).

Liotheum inæquale, Gervais, Aptères, iii. 321.

On Black Woodpecker.

14. COLPOCEPHALUM trochioxum.

Colpocephalum trochioxum, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).

Liotheum trochioxum, *Gervais, Aptères*, iii. 321.
On the Bittern.

15. COLPOCEPHALUM umbrinum.

Colpocephalum umbrinum, *Burm. Handb.* ii. 438; *Denny, Mon. Anopl. Brit.* 217 (note).

Liotheum umbrinum, *Gervais, Aptères*, iii. 321.
On *Tringa subarquata*.

16. COLPOCEPHALUM Percnopteri.

Liotheum percnopteri, *Gervais, Aptères*, iii. 321. pl. 48. f. 6.
On *Neophron percnopterus*.

2. MENOPON.

Menopon, *Nitzsch, Germ. Mag.* iii. 299; *Denny, Mon. Anopl. Brit.* 217.

1. MENOPON pallidum.

B.M.

Pediculus Gallinæ, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1959;
Fabr. Syst. Ent. 809; *Panz. F. I. Germ.* 51. f. 21.

Pediculus Caponis, *Linn. Syst. Nat.* ii. 1020; *Faun. Suec.* 1960.
Pulex Capi, *Redi, Exp.* t. 16. f. 1.

Liotheum (Menopon) pallidum, *Nitzsch, Germ. Mag.* iii. 299;
Gervais, Aptères, iii. 322.

Menopon pallidum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii.
440; *Denny, Mon. Anopl. Brit.* 217. t. 21. f. 5.

Nirmus trigonocephalus, *Olfers*, 90.
On Poultry.

2. MENOPON fulvo-maculatum.

B.M.

Menopon fulvo-maculatum, *Denny, Mon. Anopl. Brit.* 218. t. 21.
f. 6.

Liotheum fulvo-maculatum, *Gervais, Aptères*, iii. 325.
On the Common Quail; on the Pheasant.

3. MENOPON fusco-cinctum.

B.M.

Menopon fusco-cinctum, *Denny, Mon. Anopl. Brit.* 219. pl. 21
f. 4.

Liotheum fulvo-cinctum, *Gervais, Aptères*, iii. 326.
On the Red-backed Shrike.

4. MENOPON Pici. B.M.

Menopon Pici, *Denny, Mon. Anopl. Brit.* 219. pl. 20. f. 5.

Liotheum pici, *Gervais, Aptères*, iii. 326.

On the Green Woodpecker.

5. MENOPON Citrinellæ. B.M.

Menopon Citrinellæ, *Denny, Mon. Anopl. Brit.* 220. pl. 21. f. 3.

Liotheum citrinellæ, *Gervais, Aptères*, iii. 326.

On the Yellow Bunting; on the Pied Wagtail.

6. MENOPON Troglodyti. B.M.

Menopon Troglodyti, *Denny, Mon. Anopl. Brit.* 221. pl. 18. f. 7.

Pediculus albiventris, *Scop. Ent. Carn.*?

Liotheum troglodyti, *Gervais, Aptères*, iii. 326.

On Common Wren.

7. MENOPON scopulacorne. B.M.

Menopon scopulacorne, *Denny, Mon. Anopl. Brit.* 221. pl. 18. f. 9.

Liotheum scopulicorne, *Gervais, Aptères*, iii. 326.

On the Water Rail; on the Water Gallinule; on the Little Grebe.

8. MENOPON sinuatum.

Menopon sinuatum, *Burm. Handb.* ii. 440; *Denny, Mon. Anopl. Brit.* 222. pl. 20. f. 6.

Liotheum sinuatum, *Gervais, Aptères*, iii. 326.

On the Great Titmouse.

9. MENOPON mesoleucum. B.M.

Ricinus cornicis, *Degeer, Mem.* vii. 76. t. 4. f. 2 (pupa).

Nirmus cornicis, *Latr. Gen. Crust. et Ins.* i. 169?

Menopon mesoleucum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 439; *Denny, Mon. Anopl. Brit.* 223. pl. 20. f. 2.

Liotheum mesoleucum, *Gervais, Aptères*, iii. 325.

On the Rook; on the Carrion Crow.

10. MENOPON nigro-pleurum.

Menopon nigro-pleurum, *Denny, Mon. Anopl. Brit.* 224. pl. 20. f. 1.

Liotheum nigro-pleurum, *Gervais, Aptères*, iii. 326.

On the Ruff; on the Razor-bill; on the Redshank; on the Curlew; on the Kittiwake Gull.

11. MENOPON giganteum. B.M.

Menopon giganteum, *Denny, Mon. Anopl. Brit.* 225. pl. 21. f. 2.

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12. *MENOPON* *Perdicis*.

B.M.

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14. *MENOPON* *Strepsilæ*.*Menopon Strepsilæ*, *Denny, Mon. Anopl. Brit.* 226. pl. 21. f. 8.*Liotheum strepsilæ*, *Gervais, Aptères*, iii. 323.

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B.M.

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16. *MENOPON* *icterum*.

B.M.

Menopon icterum, *Burm. Handb.* ii. 440?; *Denny, Mon. Anopl. Brit.* 228. pl. 20. f. 8.*Liotheum icterum*, *Gervais, Aptères*, iii. 323.

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17. *MENOPON* *Carduelis*.*Menopon Carduelis*, *Denny, Mon. Anopl. Brit.* 228. pl. 20. f. 7.*Liotheum carduelis*, *Gervais, Aptères*, iii. 323.

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18. *MENOPON* *stramineum*.*Liotheum (Menopon) stramineum*, *Nitzsch, Germ. Mag.* iii. 300.*Menopon stramineum*, *Steph. Syst. Cat.* ii. 334; *Denny, Mon. Anopl. Brit.* 229 (note).*Pediculus Meleagridis*, *Panz. Faun. Ins. Germ.* 51. f. 20.

On the Turkey.

19. *MENOPON* *eucellare*.*Liotheum (Menopon) eucellare*, *Nitzsch, Germ. Mag.* iii. 300.*Menopon eucellare*, *Steph. Syst. Cat.* ii. 334.*Menopon eucellare*, *Burm. Handb.* ii. 439; *Denny, Mon. Anopl. Brit.* 229 (note).*Pediculus Sturni candidi*, *Redi, Exp.* pl. 17 ♂.Louse of Starling, *Albin. Spid.* pl. 53 (cop. *Redi*).

On the Starling.

20. *MENOPON* minutum.

Liothenm (*Menopon*) *minntum*, *Nitzsch*, *Germ. Mag.* iii. 300.

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Menopon minutum, *Steph. Syst. Cat.* ii. 334; *Denny*, *Mon. Anopl. Brit.* 229 (note).

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21. *MENOPON* phanero-stigmaton.

Liotheum (*Menopon*) *phanero-stigmaton*, *Nitzsch*, *Germ. Mag.* iii. 300.

Menopon phanero-stigmaton, *Steph. Syst. Cat.* ii. 334; *Denny*, *Mon. Anopl. Brit.* 229 (note).

Pediculus fasciatus, *Scopoli*, *Ent. Carn.* 1040.

Pediculus Cuculi, *Fabr. Syst. Anth.* 345.

On the Cuckoo.

22. *MENOPON* tridens.

Menopon tridens, *Burm. Handb.* ii. 440; *Denny*, *Mon. Anopl. Brit.* 229 (note).

Liotheum tridens, *Gervais*, *Aptères*, iii. 323.

On the Coot.

23. *MENOPON* gonophæum.

Menopon gonophæum, *Burm. Handb.* ii. 440; *Denny*, *Mon. Anopl. Brit.* 229 (note).

Pou de la plus grand espèce de Corbeau, *Lyonet*, *Mém. du Mus.* xviii. 274. pl. 14. f. 13.

On the Raven.

24. *MENOPON* lutescens.

Menopon lutescens, *Burm. Handb.* ii. 440; *Denny*, *Mon. Anopl. Brit.* 229 (note); *Gervais*, *Aptères*, iii. 323.

On Spotted Sandpiper; on Ruff; on Razor-bill.

25. *MENOPON* leucoxanthum.

Menopon leucoxanthum, *Burm. Handb.* ii. 440; *Denny*, *Mon. Anopl. Brit.* 229 (note); *Gervais*, *Aptères*, iii. 323.

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B.M.

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Liotheum pulicare, *Gervais, Aptères*, iii. 324.

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Trinoton, *Nitzsch, Germ. Mag.* iii. 300; *Denny, Mon. Anopl. Brit.* 232.

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Trinotum, *Burm. Handb.* ii. 440.

1. TRINOTON conspurcatum.

B.M.

Liotheum (Trinoton) conspurcatum, *Nitzsch, Germ. Mag.* iii. 300;
Gervais, Aptères, iii. 324.

Trinoton conspurcatum, *Steph. Syst. Cat.* ii. 334; *Denny, Mon. Anopl. Brit.* p. 232. pl. 22. f. 1.

Trinotum conspurcatum, *Burm. Handb.* ii. 440.

Pediculus anseris, *Sulzer, Ins.* t. 29. f. 4.

Pediculus cygni, *Linn. Syst. Nat.* ii. 1018.

Pulex cygni, *Redi, Exp.* pl. 8.

Pediculus anserinus, *Fabr. Syst. Anth.* 345.

On the Domestic Goose; on the Tame Swan; on Bewick's Swan;
on the Common Gull.

2. TRINOTON luridum.

B.M.

Trinoton luridum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 441; *Denny, Mon. Anopl. Brit.* 234. pl. 22. f. 2.

Liotheum (Trinoton) luridum, *Nitzsch, Germ. Mag.* iii. 300;
Gervais, Aptères, iii. 324.

Pediculus Querquedulae, *Linn. Syst. Nat.* ii. 1018; *Redi, Expl.* pl. 12; (copied) *Albin, Spid.* pl. 46.

On the Widgeon; on the Golden-eye; on the Pintail; on the Teal; on the Goosander; on the Smew; on the Red-breasted Merganser.

3. TRINOTON squalidum.

B.M.

Trinoton squalidum, *Denny, Mon. Anopl. Brit.* 235. pl. 22. f. 3.

Trinotum squalidum, *Gervais, Aptères*, iii. 325.

On White-fronted Goose; on Domestic Goose; on Shoveller.

4. TRINOTON lituratum.

Liotheum (Trinoton) lituratum, *Nitzsch, Germ. Mag.* iii. 300;
Gervais, Aptères, ii. 324.

Trinoton lituratum, *Steph. Syst. Cat.* ii. 334; *Burm. Handb.* ii. 441; *Denny, Mon. Anopl. Brit.* 236.
On the Smew.

5. EUREUM.

Eureum, *Nitzsch, Germ. Mag.* iii. 301; *Denny, Mon. Anopl. Brit.* 236.

1. EUREUM cimicoides. B.M.

Liotheum (*Eureum*) *cimicoides*, *Nitzsch, Germ. Mag.* iii. 301.
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2. EUREUM malleus.

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Læmobothrium laticolle, *Nitzsch, MSS.*; *Denny, Mon. Anopl. Brit.* 239. pl. 23. f. 4.
Liotheum laticolle, *Gervais, Aptères*, iii. 328.
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2. LÆMOBOTHRIUM giganteum.

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Pediculus maximus, *Scop. Ent. Carn.* 332.
Pediculus Buteonis, *Fabr. Syst. Anth.* 343; *Spec. Ins.* ii. 478.
Pediculus circi, *Geoffr. Hist.* ii. pl. 20. f. 1.
Læmobothrium giganteum, *Steph. Syst. Cat.* 334.

Læmobothrium giganteum, *Burm. Handb.* ii. 441 ; *Denny, Mon. Anopl. Brit.* 240.

On White-tailed Eagle.

3. *LÆMOBOTHRIUM hasticeps*.

B.M.

Liotheum (L.) *hasticeps*, *Nitzsch, Germ. Mag.* iii. 302 ; *Gervais, Aptères*, iii. 328.

Nirmus hasticeps, *Olfers*, 87.

Pediculus Timunculi, *Linn. Syst. Nat.* ii. 1018 ; *Faun. Suec.* 1949 ; *Fabr. Syst. Ent.* ii. 806 ; *Frisch, Ins.* ii. t. 24 ; *Panz. F. I. Germ.* 51. f. 17.

Pulex Timunculi, *Redi, Exp.* t. 13 ; *Albin, Spid.* pl. 50 (cop. *Redi*).

Læmobothrium hastipes, *Burm. Handb.* ii. 442.

Læmobothrium hasticeps, *Denny, Mon. Anopl. Brit.* 240.

On the Kestrel.

4. *LÆMOBOTHRIUM atrum*.

Liotheum (L.) *atrum*, *Nitzsch, Germ. Mag.* iii. 302 ; *Gervais, Aptères*, iii. 328.

Pulex Fulicæ, *Redi, Exp.* t. 4. f. 1 ; *Albin, Spid.* pl. 44 (cop. *Redi*).

Pediculus Fulicæ, *Fabr. Syst. Antl.* 347.

Læmobothrium atrum, *Steph. Syst. Cat.* ii. 335 ; *Denny, Mon. Anopl. Brit.* 240.

Læmobothrium nigrum, *Burm. Handb.* ii. 442.

On the Coot.

5. *LÆMOBOTHRIUM gilvum*.

Læmobothrium gilvum, *Burm. MSS.* ; *Denny, Mon. Anopl. Brit.* 240.

Liotheum gilvum, *Gervais, Aptères*, iii. 328.

On the Bittern.

7. *PHYSOSTOMUM*.

Physostomum, *Nitzsch, Germ. Mag.* iii. 302 ; *Denny, Mon. Anopl. Brit.* 241.

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B.M.

Physostomum mystax, *Burm. Handb.* ii. 442 ; *Denny, Mon. Anopl. Brit.* 241. pl. 23. f. 6.

On Fieldfare ; on Ring Ouzel ; on Chaffinch ; on Lesser Spotted Woodpecker.

2. *PHYSOSTOMUM* Bombycillæ.

B.M.

Physostomum Bombycillæ, *Denny, Mon. Anopl. Brit.* 242. pl. 23. f. 5.

Liotheum Bombycillæ, *Gervais, Aptères*, iii. 329.

Var. *Phys. irascens*. *Burm. Handb.* ii. 442 ?

On Bohemian Wax-wing ; on Snow Bunting.

3. *PHYSOSTOMUM* irascens.

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Pedienlus Motacillæ, *Fabr. Syst. Antl.* 349.

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4. *PHYSOSTOMUM* frenatum.

Physostomum frenatum, *Burm. Handb.* ii. 442 ; *Denny, Mon. Anopl. Brit.* 244 ; *Gervais, Aptères*, iii. 329.

On Golden-crested Wren.

5. *PHYSOSTOMUM* sulphureum.

Liotheum (*Physostomum*) *sulphureum*, *Nitzsch, Germ. Mag.* iii. 302 ; *Gervais, Aptères*, iii. 329.

Physostomum sulphurum, *Burm. Handb.* ii. 442 ; *Children, App. to Buck's Land Exp.* 539 ; *Denny, Mon. Anopl. Brit.* 244.

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6. *PHYSOSTOMUM* nitidissimum.

Liotheum (*Physostomum*) *nitidissimum*, *Nitzsch, Germ. Mag.* iii. 302 ; *Gervais, Aptères*, iii. 329.

Physostomum nitidissimum, *Steph. Syst. Cat.* ii. 335 ; *Denny, Mon. Anopl. Brit.* 244.

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8. GYROPUS.

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1. *GYROPUS ovalis*.

B.M.

Gyropus ovalis, *Nitzsch*, *Germ. Mag.* iii. 304; *Burm. Handb.* ii. 443; *Denny*, *Mon. Anopl. Brit.* 245. pl. 24. f. 1; *Gervais*, *Aptères*, iii. 317.

On Guinea Pig.

2. *GYROPUS gracilis*.

B.M.

Gyropus gracilis, *Nitzsch*, *Germ. Mag.* iii. 304; *Burm. Handb.* ii. 443; *Denny*, *Mon. Anopl. Brit.* 246. pl. 24. f. 2; *Gervais*, *Aptères*, iii. 316. pl. 48. f. 5.

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Pandion Haliaëtus.

Colpocephalum Haliaëti, 33.

Haliaëtus albicilla.

Docophorus aquilinus, 9.

Nirmus discocephalus, 15.

Lipeurus quadripustulatus, 26.

—— sulcifrons, 26.

Colpocephalum flavescens, 31.

Læmobothrion giganteum, 39.

Buteo vulgaris.

Docophorus platystomus, 14.

Læmobothrion giganteum, 39.

Nirmus fuscus, 16.

Archibuteo Lagopus.

Nirmus fuscus, 16.

Docophorus platystomus, 14.

Pernis apivorus.

Colpocephalum flavescens, 31.

Docophorus aquilinus, 9.

Milvus regalis.

Nirmus fuscus, 16.

Colpocephalum flavescens, 31.

Falco peregrinus.

Colpocephalum flavescens, 31.

Hypotriorchis subbuteo.

Læmobothrion laticolle, 39.

Hypotriorchis Æsalon.

Nirmus rufus, 16.

Tinnunculus alaudarius.

Nirmus rufus, 16.

Læmobothrion hasticeps, 40.

Astur palumbarius.

Docophorus platyrhynchus, 12.

Accipiter Nisus.

Docophorus Nisi, 14.

Nirmus rufus, 16.

Circus æruginosus.

Nirmus fuseus, 16.

Læmobothrion giganteum, 39.

Fam. STRIGIDÆ.

Nyctea nivea.

Docophorus ceblebrachys, 11.

Otus vulgaris.

Docophorus cursor, 13.

Otus brachyotus.

Docophorus cursor, 13.

Strix flammea.

Docophorus rostratus, 10.

Order II. PASSERES.

Fam. CAPRIMULGIDÆ.

Caprimulgus Europæus.

Nirmus hypoleucus, 20.

Fam. HIRUNDINIDÆ.

Cypselus Apus.

Nitzschia Burmeisteri, 38.

Eureum cimicoides, 39.

Hirundo rustica.

Eureum malleus, 39.

Cotyle riparia.

Nirmus tennis, 22.

Chelidon urbica.

Nirmus gracilis, 16.

— elongatus, 20.

Fam. CORACIADÆ.

Coracias garrula.

Nirmus subcuspidatus, 17.

Fam. ALCEDINIDÆ.

Alcedo Ispida.

Docophorus Alcedinis, 14.

Fam. MEROPIDÆ.

Merops Apiaster.

Docophorus Meropis, 13.

Nirmus Apiastri, 19.

Fam. UPUPIDÆ.

Upupa Epops.

Docophorus Upupæ, 11.

Fam. CETHIIDÆ.

Troglodytes parrulus.

Menopon Troglodyti, 35.

Physostomum frenatum, 41.

Fam. LUSCINIDÆ.

Calamodota Phragmitis.

Sylvia curruca.

Docophorus communis, 7.

Regulus cristatus.

Docophorus Reguli, 11.

Physostomum frenatum, 41.

Erythacus Rubecula.

Docophorus Rubecula, 14.

Accentor modularis.

Docophorus modularis, 14.

Parus major.

Docophorus pallescens, 10.

Menopon sinuatum, 35.

Parus cæruleus.

Docophorus Pari, 11.

Parus ater.

Docophorus Pari, 11.

Parus palustris.

Docophorus pallescens, 10.

Parus caudatus.

Docophorus Pari, 11.

Motacilla alba.

Docophorus passerinus, 13.

Menopon Citrinellæ, 35.

Motacilla flava.

Docophorus passerinus, 13.

Fam. TURDIDÆ.

Hydrobatus Cinclus.

Docophorus Cincli, 10.

Turdus viscivorus.

Nirmus viscivori, 17.

— marginalis, 16.

Turdus pilaris.

Nirmus marginalis, 16.

Physostomum mystax, 40.

Docophorus Merula, 14.

Turdus musicus.

Docophorus Turdi, 9.

Turdus iliacus.

Nirmus Iliaci, 18.

Turdus torquatus.

Physostomum mystax, 40.

Nirmus marginalis, 16.

Turdus Merula.
 Docophorus Merulæ, 14.
 Nirmus Merulensis, 18.
 Nirmus argulus, 17.
Oriolus galbula.
 Physostomum sulphureum, 41.

Fam. AMPELIDÆ.

Ampelis garrula.
 Physostomum Bombycillæ, 41.

Fam. LANIDÆ.

Lanius excubitor.
 Docophorus fuscicollis, 12.
Enneoclonus collurio.
 Nirmus cruciatus, 23.
 Menopon fusco-cinctum, 34.

Fam. CORVIDÆ.

Garrulus glandarius.
 Docophorus fulvus, 8.
 Nirmus glandarii, 18.
 Docophorus fuscicollis, 12.
Nucifraga caryocatactes.
 Docophorus crassipes, 7.
 Nirmus olivaceus, 15.
Pica candata.
 Docophorus Picæ, 7.
 Colpocephalum curysternum, 33.

Corvus Corax.

Docophorus semisignatus, 7.
 Colpocephalum subæquale, 32.
 Menopon gonophæum, 37.
 Nirmus argulus, 17.

Corvus frugilegus.

Docophorus atratus, 6.
 Nirmus argulus, 17.
 Colpocephalum subæquale, 32.
 Menopon mesoleucum, 35.

Corvus monedula.

Docophorus guttatus, 7.
 — serratus, 15.
 Nirmus varius, 23.

Corvus Corone.

Docophorus ocellatus, 6.
 Nirmus varius, 23.

Colpocephalum subæquale, 32.
 Menopon mesoleucum, 35.

Corvus Cornix.

Docophorus ocellatus, 6.
 — atratus, 6.
 Nirmus uncinus, 16.

Coracia Gracula.

Colpocephalum Fregili, 32.

Fam. STURNIDÆ.

Pastor roseus.

Docophorus Pastoris, 9.
 Nirmus Iliaci, 18.

Sturnus vulgaris.

Docophorus Leontodon, 8.
 Nirmus nebulosus, 19.
 Menopon cucullare, 36.

Fam. FRINGILLIDÆ.

Fringilla Cælebs.

Physostomum mystax, 41.
 — irascens, 41.
 Docophorus Rubeculæ, 14.

Fringilla montifringilla.

Nirmus cyclothorax, 22.

Fringilla Carduelis.

Menopon Carduelis, 36.

Fringilla Chloris.

Docophorus communis, 7.

Passer domesticus.

Docophorus communis, 7.

Passer montanus.

Docophorus Fringillæ, 9.

Emberiza miliaria.

Docophorus communis, 7.

Emberiza citrinella.

Menopon Citrinellæ, 35.
 Physostomum nitidissimum, 41.
 Docophorus communis, 7.

Plectrophanes nivalis.

Physostomum Bombycillæ, 41.
 Docophorus Rubeculæ, 14.

Pyrrhula rubicilla.

Docophorus communis, 7.

Loxia curvirostra.
Nirmus limbatus, 17.
Docophorus communis, 7.

Order III. SCANSORES.

Fam. PICIDÆ.

Picus major.
Docophorus superciliosus, 7.
Nirmus stramineus, 20.
Picus minor.
Physostomum mystax, 40.
Dryocopus martius.
Colpocephalum inæquale, 33.
Gecinus viridis.
Nirmus stramineus, 20.
Menopon Pici, 35.
Yunx Torquilla.
Docophorus serrilimbus, 11.
 ——— *latifrons*, 12.

Fam. CUCULIDÆ.

Cuculus Canorus.
Docophorus latifrons, 12.
Nirmus Cuculi, 16.
Menopon phancrostigmaton, 37.

Order IV. COLUMBÆ.

Fam. COLUMBIDÆ.

Columba Palumbus.
Nirmus claviformis, 18.
Goniocotes compar, 23.
Columba Œnas.
Goniocotes compar, 23.
Menopon giganteum, 35.
Nirmus claviformis, 18.

Domestic Pigeon.
Lipeurus baculus, 26.

Turbot Pigeon.
Colpocephalum turbinatum, 32.

Turtur auritus.
Goniocotes compar, 23.

Order V. GALLINÆ.

Fam. PHASIANIDÆ.

Pavo cristatus.
Goniodes falcicornis, 24.
Phasianus Colchicus.
Goniodes Colchici, 24.
Menopon fulvo-maculatum, 34.

Gallus Bankiva, var.
Goniocotes hologaster, 23.
Goniodes dissimilis, 25.
Lipeurus variabilis, 25.
Menopon pallidum, 34.

Meleagris gallo-pavo.
Goniodes styliifer, 24.
Lipeurus polytrapezius, 25.
Menopon stramineum, 36.

Numida Meleagris.
Nirmus Numidæ, 15.
Goniodes numidianus, 25.

Fam. TETRAONIDÆ.

Perdix cinerea.
Goniodes dispar, 24.
Menopon Perdici, 35.
Coturnix communis.
Menopon fulvo-maculatum, 34.

Ortyx Virginiana.
Goniodes ortygis, 24.

Tetrao urögallus.
Goniodes chelicornis, 24.

Tetrao Tetrix.
Goniodes Tetraonis, 25.
Nirmus cameratus, 15.

Lagopus Scoticus.
Nirmus cameratus, 15.
Goniodes Tetraonis, 25.

Order VI. STRUTHIONES.

Fam. STRUTHIONIDÆ.

Otis tarda.
Nirmus turmalis, 15.

Order VII. GRALLÆ.

Fam. CHARADRIIDÆ.

Edicnemus crepitans.

Nirmus annulatus, 18.

— *Edicnemi*, 20.*Vanellus cristatus.*

Nirmus juncus, 21.

Colpocephalum ochraceum, 32.

Squatarola helvetica.

Nirmus Vanelli, 18.

Charadrius plumalis.

Docophorus conicus, 11.

Charadrius morinellus.

Docophorus platygaster, 10.

Charadrius hiaticula.

Nirmus Hiaticulæ, 19.

Docophorus platygaster, 10.

— *cephalus*, 9.*Charadrius Curonicus.*

Nirmus fissus, 21.

Charadrius Cantianus.

Nirmus obscurus, 21.

Hæmatopus ostralegus.

Docophorus Ostralegi, 8.

Nirmus Hæmatopi, 17.

Lipeurus brevicornis, 28.

Colpocephalum ochraceum, 32.

Cinclus Interpres.

Nirmus strepsilaris, 19.

— *holophæus*, 21.— *fervus*, 22.— *Vanelli*, 18.

Menopon Strepsilæ, 36.

Fam. ARDEIDÆ.

Grus cinerea.

Lipeurus ebræus, 28.

Ardea cinerea.

Lipeurus leucopygus, 27.

Colpocephalum importunum, 33.

Botaurus stellaris.

Nirmus tessellatus, 16.

Lipeurus stellaris, 28.

Colpocephalum trochioxum, 34.
Lamobothrion gilvum, 40.*Nycticorax griseus.*

Colpocephalum nyctarde, 33.

Platalea leucorodia.

Docophorus Plataleæ, 12.

Ciconia alba.

Docophorus incompletus, 13.

Lipeurus versicolor, 26.

Colpocephalum zebra, 32.

— *4-pustulatum*, 33.*Ciconia nigra.*

Docophorus tricolor, 13.

Fam. SCOLOPACIDÆ.

Numenius arquata.

Docophorus humeralis, 11.

— *testudinarius*, 12.

Nirmus Numenii, 21.

— *obscurus*, 21.

Menopon nigro-pleurum, 35.

Numenius Phæopus.

Nirmus Phæopi, 21.

Docophorus humeralis, 11.

Limosa Lapponica.

Docophorus Limosæ, 10.

Nirmus cingulatus, 21.

— *obscurus*, 21.

Colpocephalum ochraceum, 32.

Limosa ægocephala.

Docophorus Limosæ, 10.

Nirmus cingulatus, 21.

— *obscurus*, 21.*Totanus calidris.*

Nirmus attenuatus, 19.

— *fissus*, 21.

Menopon nigro-pleurum, 35.

Totanus ochropus.

Nirmus ochropi, 19.

— *obscurus*, 21.*Totanus glareola.*

Nirmus obscurus, 21.

Totanus glottis.

Nirmus juncus, 21.

— *fervus*, 22.

Tringoides macularia.

Menopon lutescens, 37.

Nirmus furvus, 22.

Tringoides hypoleuca.

Nirmus obscurus, 21.

Colpocephalum ochraceum, 32.

Docophorus cephalus, 9.

Recurvirostra Avocetta.

Nirmus decipiens, 17.

Philomachus pugnax.

Nirmus holophæus, 21.

—— *cingulatus*, 21.

Menopon nigro-pleurum, 35.

—— *lutescens*, 37.

Tringa Canutus.

Docophorus Canuti, 10.

Nirmus holophæus, 21.

Tringa alpina.

Docophorus variabilis, 8.

Nirmus obscurus, 21.

Colpocephalum ochraceum, 32.

Menopon icterum, 36.

Tringa minuta.

Docophorus fusiformis, 10.

Nirmus obscurus, 21.

Tringa subarquata.

Nirmus Phæopi, 21.

—— *holophæus*, 21.

—— *obscurus*, 21.

Colpocephalum umbrinum, 34.

Calidris arenaria.

Nirmus obscurus, 21.

Macroramphus griseus.

Colpocephalum ochraceum, 32.

Gallinago media.

Nirmus Scolopacis, 22.

Scolopax Rusticola.

Docophorus auratus, 9.

Menopon icterum, 36.

Phalaropus fulicarius.

Nirmus Phalaropi, 20.

FAM. RALLIDÆ.

Rallus aquaticus.

Docophorus Ralli, 8.

Nirmus cuspidatus, 18.

—— *Rallinus*, 20.

Menopon scopulacorne, 35.

Ortygometra Crex.

Nirmus attenuatus, 19.

Gallinula chloropus.

Lipeurus luridus, 28.

Menopon scopulacorne, 35.

Nirmus cuspidatus, 18.

Fulica atra.

Nirmus Fulicæ, 17.

—— *Numenii*, 21.

Lipeurus luridus, 28.

Menopon tridens, 37.

Læmobothrion atrum, 40.

Order VIII. ANSERES.

FAM. ANATIDÆ.

Bernicla leucopsis.

Lipeurus jejunus, 27.

Bernicla Canadensis.

Ornithobius goniophorus, 29.

—— *atro-marginatus*, 29.

Anser ferus.

Lipeurus jejunus, 27.

Anser segetum.

Lipeurus jejunus, 27.

Docophorus Cygni, 12.

Anser domesticus.

Trinoton conspurcatum, 38.

—— *squalidum*, 38.

Anser erythropus.

Docophorus icterodes, 13.

Lipeurus jejunus, 27.

Trinoton squalidum, 38.

Cygnus ferus.

Nirmus juncus, 21.

Ornithobius Cygni, 29.

Cygnus olor.

Ornithobius Cygni, 29.

Trinoton conspurcatum, 38.

Cygnus minor.

Docophorus Cygni, 12.

Ornithobius Cygni, 29.

Trinoton conspurcatum, 38.

Tadorna Vulpanser.

Lipeurus Tadornæ, 26.

— squalidus, 27.

Menopon Tadornæ, 37.

Mareca Penelope.

Docophorus icterodes, 13.

Trinoton luridum, 38.

Dafila acuta.

Trinoton luridum, 38.

Anas Boschas.

Docophorus icterodes, 13.

Lipeurus squalidus, 27.

Querquedula crecca.

Docophorus icterodes, 13.

Menopon leucoxanthum, 37.

Spatula clypeata.

Docophorus icterodes, 13.

Trinoton squalidum, 38.

Branta rufina.

Nirmus stenopyx, 22.

Fuligula Marila.

Docophorus icterodes, 13.

Nirmus obscurus, 21.

Lipeurus squalidus, 27.

Nyroca ferina.

Docophorus icterodes, 13.

Lipeurus squalidus, 27.

Clangula glaucion.

Docophorus chrysophthalmi, 12.

Trinoton luridum, 38.

Oidemia nigra.

Lipeurus squalidus, 27.

Mergus Castor.

Docophorus icterodes, 13.

Lipeurus temporalis, 27.

Ornithobius gonioplurus, 29.

Trinoton lucidum, 38.

Mergus serrator.

Lipeurus temporalis, 27.

Trinoton luridum, 38.

Mergellus albellus.

Docophorus icterodes, 13.

Trinoton luridum, 38.

— lituratum, 38.

Fam. COLYMBIDÆ.

Colymbus glacialis.

Docophorus Colymbinus, 9.

Colymbus arcticus.

Docophorus Colymbinus, 9.

Colymbus septentrionalis.

Docophorus Colymbinus, 9.

Podiceps grisegena.

Nirmus Podicepis, var., 20.

Podiceps cristatus.

Nirmus Podicepis, 20.

Podiceps auritus.

Nirmus fusco-marginatus, 19.

Podiceps minor.

Nirmus Podicepis, 20.

Menopon scopulacorne, 35.

Fam. ALCIDÆ.

Alca Torda.

Docophorus celidoxus, 9.

Nirmus Alcæ, 20.

Menopon nigropleurum, 35.

— transversum, 36.

— lutescens, 37.

Fratercula arctica.

Docophorus celidoxus, 9.

Uria Troile.

Docophorus platygaster, 10.

— humeralis, 11.

— celidoxus, 9.

Uria grylle.

Docophorus megacephalus, 10.

Arctica alce.

Docophorus Merguli, 8.

Fam. PROCELLARIIDÆ.

Thalassidroma pelagica.

Docophorus Thalassidromæ, 13.

Lipeurus pelagicus, 26.

Thalassidroma Leachii.

Lipeurus pelagicus, 26.

Procellaria glacialis.

Lipeurus bilineatus, 28.

Fam. LARIDÆ.

Stercorarius pomarinus.
Docophorus cephalus, 9.

Stercorarius parasiticus.
Docophorus cephalus, 9.

Larus leucopterus.
Docophorus Lari, 11.

Larus marinus.
Docophorus Lari, 11.

Larus argentatus.
Docophorus Lari, 11.
Nirmus sellatus, 18.

Larus canus.
Docophorus Lari, 11.
Trinoton conspurcatum, 38.

Larus ridibundus.
Docophorus Lari, 11.
Menopon Ridibundi, 36.
Nirmus sellatus, 18.
 — *punctatus*, 22.

Larus minutus.
Nirmus eugrammicus, 22.

Rissa tridactyla.
Docophorus Lari, 11.

Menopon nigropleurum, 35.
 — *transversum*, 36.
Nirmus sellatus, 18.

Sterna Cantiaca.
Colpocephalum piceum, 32.

Sterna hirundo.
Nirmus sellatus, 18.
Lipeurus gyriconis, 25.
Docophorus Bassanæ, 14.

Sterna minuta.
Nirmus nycthemerus, 22.
Colpocephalum ochraceum, 32.

Hydrochelidon nigra.
Nirmus obscurus, 21.

Fam. PELECANIDÆ.

Sula Bassana.
Docophorus Bassanæ, 14.
 — *humeralis*, 11.
Lipeurus staphylinoides, 28.

Graculus carbo.
Docophorus Bassanæ, 14.

Graculus Linnæi.
Lipeurus brevicornis, 28.

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